
Volume

#

R0278

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BOOK A-278

INDEX DIAGRAM.

Township 6 S, Range 4 E

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PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that
we will report the true distances to all notable objects, and the true lengths of all lines that we assist in
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of _____

_____, Chainman.
_____, Chainman.

Subscribed and sworn to before me this _____ }
day of _____, 189



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment
of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.
_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 189



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners
and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

_____, Axman.
_____, Axman.

Subscribed and sworn to before me this _____ }
day of _____, 189



I, _____, do solemnly swear that I will well and truly
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the
survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 189



INDEX DIAGRAM.

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BOOK
PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of _____

_____, Chainman.

_____, Chainman.

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of _____

_____, Moundman.

_____, Moundman.

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of _____

_____, Axman.

_____, Axman.

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



BOOK A-278

FIELD NOTES

U.S.G.S.

OF THE SURVEY OF THE

First Guide Meridian East

Through

Township No. 6 South.

of the *Salt Lake Base* and Meridian,
in the State of *Utah*.

AS SURVEYED BY

Scott A. Stewart and John R. Stewart, United States Deputy Surveyors

under ^{their} ~~his~~ Contract No. *2226*, dated *January 26th*, 1899.

Survey commenced *July 6th*, 1900.

Survey completed *July 4th*, 1899.

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W. M. Smith M. C. S. 6-06-21 ✓
Cassidy 6-37 ✓

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chairman.

Joseph B. Peterson, Chairman.

Vosco Call, Chairman.

Hugh Conover, Chairman.

George A. Beesley, Axman and Roundman.

Andy J. Stewart, Flagman.

In preliminary affidavit rec'd D. P. 8 S. R. E.

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INDEX DIAGRAM.

Township....., Range.....

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen, that we will hold chain over even and uneven ground, and plumb the tally pins, either by the line or by the rods; that we will report the true distances to all notable objects, and the true length of all lines that we may be measuring, to the best of our skill and ability, and in accordance with the instructions given us in this survey.

Chainman

Subscribed and sworn to before me this _____ day of _____, 189____



We, _____ and _____

do solemnly swear that we will well and truly perform the duties of cornermen, to wit: to set and mark the corners of corners, according to the instructions given us, to the best of our skill and ability, in this survey.

Cornerman

Subscribed and sworn to before me this _____ day of _____, 189____



We, _____ and _____

do solemnly swear that we will well and truly perform the duties of flagman, to wit: to set and mark the corners and other duties, according to instructions given us, to the best of our skill and ability, in this survey.

Flagman

Subscribed and sworn to before me this _____ day of _____, 189____



I, _____ do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in this survey of _____.

Flagman

Subscribed and sworn to before me this _____ day of _____, 189____



Chains Survey commenced July 6, 1900, and executed with a W. and L. E. Gurley light mountain transit, No. . . with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the latitude and declinations arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah on May 4, 1899.

We examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours, with a true meridian determined by observations on Polaris, we proceed as follows:

July 6, 1900: At the cor. of Tps. 6 and 7 S., Rs. 4 and 5 E., heretofore described, latitude $40^{\circ} 15' N.$, longitude $111^{\circ} 27' W.$ we set off $40^{\circ} 15' N.$, on the lat. arc; $22^{\circ} 41' N.$ on the decl. arc; and at $4^{\text{th}} 0^{\text{m}}$ p. m., l. m. t., determine with the solar, a true meridian and mark a point there of on a stone, firmly set in the ground, 5.00 chs. N. of the cor.

July 6, 1900 .

July 7, 1900 : At $0^{\text{th}} 25^{\text{m}}$ a. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and

1st Guide Meridian East through Tpo. 6 S., etc. ————— Contin

mark a point in the line thus determined on a plug driven in the ground, 5.00 chs. N. of our station. At 6^h 30^m a.m., l.m.t., we lay off the azimuth of Polaris $1^{\circ} 36.7'$ to the west and mark the True Meridian thus determined, by cutting a small groove in the stone, set July 6, on which the true meridian falls 0.3 ins. east of the mark determined by the solar.

At 7^h 0^m a.m., l.m.t., we set off $40^{\circ} 15' N.$, on the lat. arc; $22^{\circ} 38' N.$ on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of our station: this mark falls 0.4 ins. east of the true meridian established by Polaris observations. The solar apparatus, by p.m. and a.m. observations, defines positions for true meridians, respectively about $0^{\circ} 17''$ west and $0^{\circ} 20''$ east of the true meridian established by Polaris observations, therefore we conclude that the adjustments of the instrument are satisfactory. The magnetic bearing of the true meridian at 8^h 0^m a.m. is $N. 16^{\circ} 20' W.$; the angle thus determined reduced by the table page 100 of the Manual, gives the mean mag. decl. $16^{\circ} 20' E.$

From the cor. of Tpo. 6 and 7 S., Rs. 4 and 5 E.

We run

North, bet. secs. 31 and 36.

- | | |
|--------|---|
| Chains | Over mountainous land, through dense undergrowth; descend. |
| 26.00 | Road in Hobble Creek Cañon, E. and W. At foot of descent. |
| 27.25 | Hobble Creek, 15 lks. wide, 5 ins. deep, rocky bottom, rapid current, in bottom of Hobble Creek Cañon, 400 ft. below T _{p.} cor., course W.; ascend. Difference between measurements 40.00 chs. by two sets of chainmen, is 4 lks.; position of middle point
By 1 st set 39.98 chs.
By 2 nd set 40.02 chs.; the mean of which is |
| 40.00 | Set a sandstone, 20 X 10 X 6 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. |
| 68.50 | Top of ridge, 150 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; descend. |
| 78.50 | Bottom of hollow, 200 ft. below ridge, course W.; ascend. Difference between measurements 80.00 chs., by two sets of chainmen is 8 lks.; position of middle point
By 1 st set 79.96 chs.
By 2 nd set 80.04 chs.; the mean of which is |
| 80.00 | Set a sandstone, 16 X 8 X 6 ins., 11 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked with 3 notches on N. and 1 notch on S edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
Land mountainous.
Soil, gravelly loam and rocky; 2 nd and 4 th rate.
No timber.
Undergrowth, oak, maple, and mahogany.
Good grass for grazing.
Mountainous land or land covered |

1st Guide Meridian East, through Tps. 6 S., etc. - 6

	Chains with dense undergrowth, 80.00 chs.
	North, bet. secs. 25 and 30. Over mountainous land, through dense undergrowth; ascend.
7.50	Top of spur, 150 ft. above hollow, bears E and W.; descend.
17.25	Bottom of hollow, 250 ft. below spur, course W.; ascend.
28.50	Top of spur, 250 ft. above hollow, bears E and W.; descend.
34.80	Bottom of hollow, 100 ft. below spur, course S. 80° W.; ascend.
	Difference between measurements of 40.00 chs., by two sets of chainmen is 14 lks., position of middle point. By 1 st set 39.95 chs. By 2 nd set 40.07 chs. the mean of which is
40.00	Set a sandstone, 16 x 9 x 5 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
51.50	Top of ridge, 300 ft. above hollow, bears N. E. and S. W.; descend.
67.30	Bottom of hollow, 200 ft. below ridge, course S. 60° W.; ascend.
73.00	Top of ridge, 350 ft. above hollow, bears E. and W.; descend. Difference between measurements of 80.00 chs. by two sets of chainmen is 14 lks.; position of middle point. By 1 st set 79.93 chs. By 2 nd set 80.07 chs. the mean of which is
80.00	Set a sandstone, 18 x 9 x 6 ins., 12 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits

	<p>impracticable Land, mountainous Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak, maple, and aspen. Good grass for grazing. Mountainous land or land covered with dense undergrowth 80.00 chs. July 7, 1900. At this cor. we set off $22^{\circ} 36' N.$, on the decl. arc; and at 0^h 3^m p. m. l. m. t., ob- serve the sun on the meridian, the re- sulting lat. is $40^{\circ} 16' 36'' N.$</p>	
	<p>North, bet. secs. 19 and 24. Over mountainous land, through dense undergrowth; descend.</p>	
14.40	<p>Bottom of hollow, 200 ft. below sec. cor., course W.; ascend.</p>	
33.80	<p>Top of divide ridge, 300 ft. above hollow, bears S. 60° E. and N. 60° W.; descend. Difference between measurements of 40.00 chs.; by two sets of chain- men is 6 lks.; position of middle point</p>	
	<p>By 1st set 39.97 chs. By 2nd set 40.03 chs.; the mean of which is</p>	
40.00	<p>Set a sandstone $16 \times 14 \times 6$ ins., 11 ins. in the ground, for 4 sec. cor., marked 4 on W. face: from which</p>	
	<p>An aspen, 4 ins. diam., bears N. 45° W., 18 lks. dist., marked 4 S. 24, B. J.</p>	
	<p>An aspen, 4 ins. diam., bears N. 70° E., 11 lks. dist., marked 4 S. 19, B. J.</p>	
64.20	<p>Bottom of hollow, 300 ft. below ridge, course E.; ascend.</p>	
70.30	<p>Top of ridge, 200 ft. above hollow;</p>	

1st Guide Meridian East, through sp. 6 B., elev. 6000

Chains bears E. and W., descend.
 Difference between measurements of 80.00 chs., by two sets of chainmen is 16 lbs.; position of middle point
 By 1st set 79.92 chs.
 By 2nd set 80.08 chs.; the mean of which is
 - 80.00 Set a quartzite stone, 14 x 12 x 8 ins., 9 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, marked with 3 notches on N., and S. edges, from which
 An aspen, 5 ins. diam., bears N. 80° W., 20 lbs. dist., marked J. 6 B., R. 4 E. S. 13, B. J.
 No other trees within limits; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Land mountainous.
 Soil, black loam and rocky; 1st and 4th rate.
 No timber.
 Undergrowth, oak, willow, and aspen sapplings.
 Good grass for grazing.
 Mountainous land or land covered with dense undergrowth, 80.00 chs.

North bet. secs. 13 and 18.
 Over mountainous land, through dense undergrowth; descend.
 25.00 Bottom of hollow, 300 ft. below sec. cor., course N. 30° E.; ascend.
 35.00 Top of ridge, 100 ft. above hollow, bears N. E. and S. W.; descend.
 Difference between measurements of 40.00 chs., by two sets of chainmen is 4 lbs.; position of middle point
 By 1st set 39.98 chs.

1st Guide Meridian East, through Tps. 6 S., etc. - C

Chains	By 2 nd set 40.02 chs.; the mean of which is
40.00	Set a quartzite stone, 20 X 12 X 8 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which An aspen, 4 ins. diam., bears E., 50 lks. dist., marked $\frac{1}{4}$ S. 18, B. J. An aspen, 4 ins. diam., bears S. 40° W., 45 lks. dist., marked $\frac{1}{4}$ S. 13, B. J.
75.00	Enter scattering aspen timber, bears E. and W. Difference between measurements of 80.00 chs., by two sets of chainmen is 10 lks.; position of middle point By 1 st set 79.95 chs By 2 nd set 80.05 chs.; the mean of which is
80.00	Bottom of cañon, 300 ft. below ridge course E. Set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for cor. of secs. 7, 12, 13, and 18, marked with 2 notches on N. and 4 notches on S. edges; from which An aspen, 6 ins. diam., bears N. 50° E., 40 lks. dist., marked T. 6 S., R. 5 E., S. 7, B. J. An aspen, 12 ins. diam., bears S. 35° E., 60 lks. dist., marked T. 6 S., R. 5 E., S. 18, B. J. An aspen, 8 ins. diam., bears S. 40° W., 40 lks. dist., marked T. 6 S., R. 4 E., S. 13, B. J. An aspen, 10 ins. diam., bears N. 30° W., 35 lks.

dist., marked T. 6. S.; R.
4 E., S. 12, B. J.

Land mountainous.

Soil, black loam; 1st rate.

Timber, scattering aspen.

Undergrowth, willow, thimble berry and aspen.

Good grass for grazing

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

July 7, 1900.

July 9, 1900; At 7^h 30^m a. m. l. m. t., we set off $40^{\circ} 18' 12''$ on the lat. arc; $22^{\circ} 24' 11''$ on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 7, 12, 13, and 18.

Thence we run

North, bet secs. 7 and 12.

Over mountainous land, through dense undergrowth and scattering timber; ascend.

3.00

Leave timber, bears small. Difference between measurements of 40.00 chs., by two sets of chainmen is

6 lbs.; position of middle point
By 1st set 39.97 chs.

By 2nd set 40.03 chs.; the mean of which is

40.00

Set a quartzite stone, $14 \times 10 \times 8$ ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

1st Guide Meridian East, through Tps. 6 S., etc. - Continued

Chains	W. of cor. Pits impracticable.
78.00	<p>Top of ridge, 5.00 ft. above cañon bears E. and W.; descend.</p> <p>Difference between measurements of 80.00 chs.; by two sets of chainmen is 10 lks. position of middle point.</p> <p>By 1st set 79.95 chs.</p> <p>By 2nd set 80.05 chs.; the mean of which is</p>
80.00	<p>Set a sandstone, 16 X 12 X 8 ins., 11 ins. in the ground, for cor. of secs. 1, 6, 7, and 12 marked with 1 notch on N. and 5 notches on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.</p> <p>Land, mountainous.</p> <p>Soil, black and gravelly loam; 1st and 2nd rate.</p> <p>Timber, scattering aspen.</p> <p>Undergrowth, oak, aspen and thimble berry.</p> <p>Good grass for grazing.</p> <p>Mountainous land or land covered with dense undergrowth, 80.00 chs.</p>

	<p>North, bet. secs. 1 and 6.</p> <p>Over mountainous land, through dense undergrowth, descend along W. slope of mountain.</p>
18.50	Bottom of hollow, 250 ft. below sec. cor., course E.; ascend
35.00	Top of ridge, 250 ft. above hollow, bears N. 30° E. and

Chain S. 30° W.; descend.
Difference between measurements of 40.00 chs. by two sets of chainmen is

8 lks; position of middle point

By 1st set 39.96 chs.

By 2nd set 40.04 chs.; the mean of which is

40.00 Set a quartzite stone, 22 x 12 x 8 ins., 16 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which

A maple, 4 ins. diam., bears S. 41° E., 30 lks. dist., marked $\frac{1}{4}$ S. 6, B. J.

A maple, 4 ins. diam., bears S. 6° W., 30 lks. dist., marked $\frac{1}{4}$ S. 1, B. J.

Difference between measurements of 86.21 chs., by two sets of chainmen is

20 lks.; position of middle point

By 1st set 86.11 chs.

By 2nd set 86.31 chs.; the mean of which is

- 86.21 Intersect 1st Standard Parallel South, 6.37 chs. West of the standard $\frac{1}{4}$ sec. cor., on S. bdy. sec. 31.

Set a sandstone 18 x 8 x 8 ins., 12 ins. in the ground for closing cor. of Tps. 6 S., Rs. 4 and 5 E., marked C. C., 6 S. on S., 4 E. on W., and 5 E. on E. face; with 6 grooves on S., E., and W. faces from which

An aspen, 8 ins. diam., bears S. 36° E., 70 lks. dist., marked J. 6 S., R. 5 E., S. 6, B. J.

Trains

An aspen, 8 ins. diam bears S. 32° W., 30 lks. dist., marked T. 6 S., R. 4 E., S. 1, T. J.; and raise a mound of stone, 2 ft. base, 1½ ft. high S. of cor. Land, mountainous. Soil, black loam; 1st rate. No timber. Undergrowth, oak, maple, box and aspen. Good grass for grazing. Mountainous land, or land covered with dense undergrowth 86.21 chs. July 9, 1900: At this cor. we set off 22° 22' N., on the decl. arc; and at 5th 4 m p. m., l. m. t., observe the sun on the meridian the resulting lat. is 40° 20' N.

July 9, 1900

General Description. Townships 6 S., Ranges 4 and 5 East, are nearly all mountainous, producing an abundant growth of grass; are very well adapted for grazing.

There is some good land in the cañons.

~~John R. Stewart~~
 John R. Stewart
 U. S. Deputy Surveyor.

July 9, 1900

Boundaries of T. 6 S., R. 4 E.

Latitudes, departures, and closing errors.							
Line	designated	True bearing	Distance Chs	Latitudes		Departures	
				N. Chs	S. Chs	E. Chs	W. Chs
S. bdy.	T. 6 S., R. 4 E.	West	503.00				503.00 ✓
W. bdy.	T. 6 S., R. 4 E.	N. 0° 14' W.	165.56	165.50			.67 ✓
W. bdy.	T. 6 S., R. 4 E.	N. 0° 10' W.	80.10	80.10			.23 ✓
W. bdy.	T. 6 S., R. 4 E.	N. 0° 13' W.	82.33	82.33			.31 ✓
W. bdy.	T. 6 S., R. 4 E.	N. 0° 25' W.	80.90	80.88			.59 ✓
W. bdy.	T. 6 S., R. 4 E.	N. 0° 10' W.	77.88	77.88			.23 ✓
N. bdy.	T. 6 S., R. 4 E.	East	506.50			506.50	✓
E. bdy.	T. 6 S., R. 4 E.	South	486.21		486.21		✓
Convergency						.64	✓
Error in lat.				486.69	486.21	507.14	505.03
Error in dep.				486.21	.48	505.03	2.11 ✓

~~Scott P. Stewart.~~
 John R. Stewart.
 U. S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Scott P. Stewart and John R. Stewart, United States Deputy Surveyors, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of The First Guide Meridian East, through townships 8, 7, and 6, South between ranges 4 & 5 East following the respective capacities in which they acted:

- William Huff, Chairman.
- Joseph B. Peterson, Chairman.
- Vosco Call, Chairman & Moundman.
- Hugh Conover, Chairman & Moundman.
- George A. Beesley, Arman and Moundman.
- Andy J. Stewart, Arman.
- Andy J. Stewart, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Scott P. Stewart and John R. Stewart, United States Deputy Surveyors in surveying all those parts or portions of the First Guide Meridian East, through townships 8, 7, and 6, South.

of the Salt Lake Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by them and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

- William Huff, Chairman.
- Joseph B. Peterson, Chairman.
- Vosco Call, Chairman & Moundman.
- Hugh Conover, Chairman & Moundman.
- George A. Beesley, Arman and Moundman.
- Andy J. Stewart, Arman.
- Andy J. Stewart, Flagman.

Subscribed and sworn to before me this 26th day of April, 1901, my commission expires March 17th 1903

Andrew Stewart Jr.
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

Scott P. Stewart and John R. Stewart, United States Deputy Surveyors, solemnly swear that, in pursuance of a contract received from *Jacob B. Blair* United States Surveyor General for *Utah*, bearing date of *26th* day of *January*, 1897, I have well, faithfully, and truly, in ^{my} proper persons and in strict conformity with the instructions furnished by the United States Surveyor General for *Utah*, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of *The First Guide Meridian East through townships 8, 7, and 6 South.*

of the *Salt Lake* meridian, in the *State* of *Utah*, which are represented in the foregoing field notes as having been surveyed by ^{me} and under ^{my} direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for *Utah* and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Scott P. Stewart
John R. Stewart
United States Deputy Surveyor

Subscribed by said *Scott P. Stewart* and *John R. Stewart*, and sworn to before me }
this *30th* day of *April*, 1901, 189



Edward Henderson,
U. S. Surveyor - General
for *Utah*

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, March 31, 1902, 189

The foregoing field notes of the survey of *The First Guide Meridian East through townships 8, 7, and 6 South between Ranges 4, 5 East of the Salt Lake Base & Meridian, Utah*

executed by *Scott P. Stewart* and *John R. Stewart* under his contract No. *226*, dated *January 26*, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward Henderson
United States Surveyor General

To certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.

United States Surveyor General

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PAGE

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chairman.

Joseph B. Peterson, Chairman.

George A. Besley, Moundman & Chairman

Vosco Call, Moundman & Chairman

Hugh Conover, Axman.

Andy J. Stewart, Flayman.

In preliminary affidavits see last C. F. S. R. 3 E and last E. F. S. R. 4 E.

BOOK A-278

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same;
we will report the true distances to all notable objects, and the true lengths of all lines that we
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the

_____, Cha'
_____, Cha'

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the estab
of corners, according to the instructions given us, to the best of our skill and ability, in the su

_____, Mound
_____, Mound

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of
and other duties, according to instructions given us, to the best of our skill and ability, in the survey

_____, Axm
_____, Axm

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



I, _____, do solemnly swear that I will well and
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of _____

_____, Flag

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



Retracement of West bdy. of T. 6 S., R. 4 E.

Chains Note: From the closing distance of the First Guide meridian East or the E. bdy. of T. 6 S., R. 4 E., on the 1st Standard Parallel South, we are led to believe that discrepancies exist in the West and North bdy. of T. 6 S., R. 4 E. Therefore we proceed to retrace said boundaries as follows;
July 10, 1900: At 8th 0th a.m., l.m. t., we set off 40° 15' N., on the lat. arc; 22° 16' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of Tps. 6 and 7 S., R. 3 and 4 E., heretofore described.

Thence we run

North, on a retracement line bet. secs. 31 and 36.

41.30 The $\frac{1}{4}$ sec. cor. bet. secs. 31 and 36, which is a quartz stone, 6 X 12 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears West 16 lks. dist.

82.75 The cor. of secs. 25, 30, 31, and 36, which is a quartzite stone, 6 X 12 X 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 33 lks. dist.

The course of this line is therefore N. 0° 14' W.

North, on a retracement line bet. secs. 25 and 30.

41.35 The $\frac{1}{4}$ sec. cor. bet. secs. 25 and 30, which is a quartzite stone, 6 X 12 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears West, 18 lks. dist.

Retracement of the U. bdy. of J. G. B., R. 4 E. - Co

<p>Chains 82.75</p>	<p>The cor. of secs. 19, 24, 25, and 30, which is a sandstone, 6 X 12 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 34 lks. dist. The course of this line is therefore N. 6° 14' W.</p>
	<p>North, on a retracement line bet. secs. 19 and 24.</p>
<p>40.06</p>	<p>The $\frac{1}{4}$ sec. cor. bet. secs. 19 and 24, which is a sandstone, 7 X 12 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 12 lks. dist.</p>
<p>80.10</p>	<p>The cor. of secs. 13, 18, 19, and 24, which is a quartzite stone, 6 X 10 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 23 lks. dist. The course of this line is therefore N. 0° 10' W. July 10, 1900: At the noon hour the sky is overcast and solar observations are impossible.</p>
	<p>North, on a retracement line bet. secs. 13 and 18.</p>
<p>41.15</p>	<p>The $\frac{1}{4}$ sec. cor. bet. secs. 13 and 18, which is a quartzite stone, 6 X 5 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 15 lks. dist.</p>
<p>82.33</p>	<p>The cor. of secs. 7, 12, 13, and 18, which is a quartzite stone, 5 X 10 X 5 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 31 lks. dist.</p>

Retracement of the W. bdy. of T. 6 S., R. 4 E. - continued

Chains The course of this line is therefore N. 0° 13' W.

North, on a retracement line bet. secs. 7 and 12.

40 40 The 4 sec. cor. bet. secs. 7 and 12, which is a sandstone, 9 X 18 X 12 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 28 lbs. dist.

50.90 The cor. of secs. 1, 6, 7, and 12, which is a quartzite stone, 6 X 12 X 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 59 lbs. dist.

The course of this line is therefore N. 6° 25' W.

North, on a retracement line bet. secs. 1 and 6.

46.00 The 4 sec. cor. bet. secs. 1 and 6, which is a sandstone, 6 X 8 X 6 ins., above ground, firmly set and marked and witnessed as described by the surveyor general, bears W. 12 lbs. dist.

77.88 ✓ The closing cor. of Tps. 6 S., R. 3 and 4 E., which is a sandstone, 5 X 10 X 5 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears W. 23 lbs. dist.

The course of this line is therefore N. 0° 10' W.

From the Standard cor. of Tps. 5 S., R. 4 E.

X

Retracement of N. bdy. of T. 6 S., R. 4 E. - Conc

Chains	3 and 4 E., which is a limestone, 5' x 8' x 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, We run East, on a retracement line, on S. bdy. sec. 31.
6.27	The closing cor. of Tps. 6 S., Rs. 3 and 4 E., heretofore described.
39.50	The Standard $\frac{1}{4}$ sec. cor. on S. bdy. sec. 31
74.04	The closing cor. of secs. 31 and 32, T. 6 S., R. 4 E., which is a limestone, 8' x 16' x 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.
79.14	The Standard cor. of secs. 31 and 32, which is a cobblestone, 8' x 16' x 6 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general. East, on a retracement line on S. bdy. of Sec. 32.
40.00	The standard $\frac{1}{4}$ sec. cor. which is a blue limestone, 6' x 6' x 6 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general.
80.00	The standard cor. of secs. 32 and 33, which is a hard sandstone 20' x 18' x 8 ins. above ground, firmly set and marked and witnessed as described by the surveyor general.
85.20	The closing cor. of secs. 32 and 33, which is a granite stone 18' x 10' x 8 ins. above ground firmly set and marked and witnessed as described by the surveyor general.

July 10, 1900

Scott P. Stewart
John R. Stewart.
U. S. Deputy Surveyors.

Subdivision of T. 6 S., R. 4 E.

Chains Survey commenced July 12, 1900, and executed with a W. and L. E. Gurley, light mountain transit, No. -, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on May 4, 1897.

We examine the adjustments of the instrument and correct the level and collimation errors; then, test the solar apparatus by comparing its indications, resulting from solar observations made during a.m. and p.m. hours, with a true meridian determined by observations on Polaris; we proceed as follows:

July 12, 1900: At the cor. of secs. 1, 2, 35, and 36, on S. bdy. of Twp. heretofore described, latitude $40^{\circ} 15' N.$, longitude $111^{\circ} 28' W.$, we set off $40^{\circ} 15' N.$, on the lat. arc; $21^{\circ} 55' N.$, on the decl. arc, and at $4^h 30^m$ p.m. t. m. t., determine with the solar a true meridian and mark a point thereof on a stone, firmly set in the ground, 5.00 chs. N. of the cor.

July 12, 1900.

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains July 13, 1900. At 0^h 04^m a. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the ground, 5.00 chs. N. of our station. At 6^h 30^m a. m., l. m. t., we lay off the azimuth of Polaris $1^{\circ} 36.1'$ to the west and mark the True Meridian thus determined, by cutting a small groove in the stone; set July 12, on which the true meridian falls 0.33 ins. east of the mark determined by the solar.

At 7^h 0^m a. m., l. m. t., we set off $40^{\circ} 15' N.$, on the lat. arc; $21^{\circ} 53' N.$, on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross (X) on the stone already set 5.00 chs. N. of our station; this mark falls 0.26 ins. east of the true meridian established by Polaris observations.

The solar apparatus by p. m. and a. m. observations, defines positions for true meridians, respectively about $0' 18''$ west and $0' 14''$ east of the true meridian established by Polaris observations; therefore we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7^h 30^m a. m. is $N. 16^{\circ} 30' W.$; the angle thus determined reduced by the table page 100 of the Manual, gives the mean mag. decl. $16^{\circ} 25' E.$

Subdivision of T. 6 S.; R. 4 E. - continued.

Chains	From the cor. of secs. 1, 2, 35, and 36, on S. bay. of T _p .
	We run N. 0° 1' W., bet. secs. 35 and 36.
	Over mountainous land, through dense undergrowth; descend.
4.01	Intersect boundary of Aaron Johnson's P. S. C. (Tract 2) 1.72 chs. W. of 1½ mile cor.
	Set a quartzite stone, 18x10x10 ins., 12 ins. in the ground, for closing cor. of secs. 35 and 36, marked C.C. on S., and A. J. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.
25.15	Intersect boundary of Aaron Johnson's P. S. C. 4.02 chs. W. of 1 mile cor.
	Set a quartzite stone, 16x9x9 ins., 11 ins. in the ground, for closing cor. of secs. 35 and 36, marked C.C. on S. faces, and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
31.00	Wobble Creek, 15 lks. wide, 5 ins. deep, rocky bottom, rapid current, in bottom of Wobble Creek Cañon, 500 ft. below sec. cor., course S. 70° W.; ascend.
32.00	Road in cañon, bears N. 70° E. and S. 70° W.
40.00	Set a sandstone, 15x8x6 ins., 16 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high; W. of cor. Pits impracticable.
52.00	Top of ridge, 300 ft. above cañon, bears N. 30° E. and S. 30° W.; descend.
62.50	Creek, 5 lks. wide, 1 ins. deep, in bottom of Packard Cañon, 200 ft. below ridge, course S. 30° W.; ascend.

Subdivision of T. 6 S. R. 4 E. - continued

Chains

- 65.50 Wood road in cañon, bears N. 30° E. and S. 30° W.
- 80.00 Set a quartzite stone, 18 X 16 X 6 ins. 12 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, marked with 1 notch on S. and 1 notch on E. edges, and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
Land, mountainous.
Soil, gravelly and rocky; 2nd and 3rd rate.
No timber.
Undergrowth, oak.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth, 80.00 cho.
-
- 40.00 East, on a random line bet. secs. 25 and 36.
Set temp. 4 sec. cor.
- 80.06 Intersect E. bdy. of Twp. 7 lles. N. of the cor. of secs. 25, 30, 31 and 36, heretofore described.
Thence we run N. 89° 57' W., on a true line bet. secs. 25 and 36.
Over mountainous land, through dense oak brush: descend.
- 19.70 Bottom of hollow, 600 ft. below cor., course S. 10° W.; ascend.
- 31.00 Top of ridge, 280 ft. above hollow, bears N. 10° E. and S. 10° W.; descend
- 39.00 Bottom of cañon, 300 ft. below ridge, course S. 20° W.; ascend.
- 40.03 Set a sandstone, 18 X 10 X 8 ins., 12 ins. in the ground, for 4 sec. cor.,

Subdivision of T. 6 S. R. 4 E. — Continued.

Chains marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable.

52.10 Top of ridge, 35.0 ft. above cañon, bears N. 30° E. and S. 30° W.; descend.

70.60 Creek, 10 lbs. wide, 1 in. deep, moderate current, in bottom of Packard cañon, 750 ft. below ridge, course S. 25° W.; ascend.

80.06 The cor. of secs. 25, 26, 35 and 36.
 Land, mountainous.
 Soil, gravelly loam; 2nd rate.
 No timber.
 Undergrowth, oak.
 Good grass for grazing.
 Mountainous land, or land covered with dense undergrowth, 80.06 cho.
 July 13, 1900: At this cor. we set off $21^{\circ} 50'$ N., on the decl. arc; and at 0^h 3^m p. m. l. m. t., observe the sun on the meridian the resulting lat. is $40^{\circ} 16'$ N.

N. $0^{\circ} 41'$ W., bet. secs. 25 and 26.
 Over mountainous land, through dense undergrowth; ascend along E. side of mountain.

40.00 Set a sandstone, $16 \times 10 \times 8$ ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high W. of cor. Pits impracticable.

80.00 Set a sandstone $18 \times 9 \times 7$ ins., 12 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, marked with 2 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
 Land, mountainous,

Subdivision of T. 6 S. R. 4 E. Continued.

Chaus.	<p>Soil, gravelly; 3rd rate No timber. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.</p>
40.00	<p>S. 89° 57' E., on a random line bet. secs. 24 and 25.</p>
80.04	<p>Set temp. $\frac{1}{4}$ sec. cor. Intersect E. bdy. of Twp. 3 N. of the cor. of secs. 19, 24, 25, and 30, heretofore described Thence we run N. 89° 56' W., on a true line bet. secs. 24 and 25.</p>
40.02	<p>Over mountainous land, through dense undergrowth; descend. Set a quartzite stone, 15 x 9 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.</p>
45.00	<p>Creek 2 lbs. wide, 2 ins. deep, in bottom of Packard's Cañon, 1000 ft below sec. cor., course S. 20° W.; ascend.</p>
52.50	<p>Top of ridge, 800 ft. above cañon, bears N. 20° W. and S. 20° E.; descend.</p>
60.00	<p>Bottom of hollow, 400 ft. below ridge, course S. 20° E.; ascend.</p>
- 80.04	<p>The cor. of secs. 23, 24, 25 and 26. Land, mountainous. Soil, black and gravelly loam; 1st and 2nd rate. No timber. Undergrowth, oak and aspen sapplings Good grass for grazing. Mountainous land, or land covered</p>

Subdivision of T. 6 S., R. 4 E. — continued

Chains with dense undergrowth. 80.04 chs.
 July 13, 1900.

July 14, 1900: At 7^h 30^m a.m., l.m.t., we set off 40° 16 3/4' N., on the lat. arc; 21° 43' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 23, 24, 25, and 26. Thence we run

N. 0° 01' W., bet. secs. 23 and 24.

Over mountainous land, through undergrowth; descend gradually.

35.00 Enter scattering pine and aspen timber, bears E. and W.

40.00 Set a quartzite stone, 14 X 10 X 10 ins., 9 ins. in the ground, for 1/4 sec. cor., marked 1/4 on W. face; from which

A pine, 4 ft. diam., bears S. 70° E., 38 lbs. dist., marked 1/4 S. 24, B. J.

An aspen, 6 ins. diam., bears N. 60° W., 25 lbs. dist., marked 1/4 S. 23, B. J.

45.00 Bottom of hollow, 250 ft. below sec. cor., course S. 60° E.; leave timber, bears with hollow; ascend.

80.00 Set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for cor. of secs. 13, 14, 23, and 24, marked with 3 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

Timber, scattering pine and aspen.

Undergrowth, oak and herb.

Good grass for grazing

Mountainous land or land covered

BOOK 11

Continued

Subdivision of T. 6 S., R. 4 E.

	Chain with dense undergrowth, 80.00 chs.
	S. $89^{\circ} 5' 6''$ E., on random line bet. secs. 13. and 24.
40.00	Set temp. 4 sec. cov.
80.00	Intersect N. and S. line, 12 lks. S. of the cor. of secs. 13, 18, 19, and 24 heretofore described
	Thence we run
	S. $89^{\circ} 5' 9''$ W., on a true line bet. secs. 13 and 24.
	Over mountainous land, through dense undergrowth; ascend.
29.40	Top of divide ridge, 500 ft. above cor., bears N. W. and S. E.; descend.
40.00	Set a quartzite stone, $14 \times 8 \times 6$ ins., 9 ins. in the ground, for 4 sec. cov., marked 4 on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
55.00	Bottom of Packard Cañon, 600 ft. below ridge. course S.; ascend.
75.00	Top of ridge 800 ft. above cañon, bears N. 15° W. and S. 15° E.; thence along side of ridge.
80.00	The cor. of secs. 13, 14, 23, and 24. Land, mountainous. Soil, black loam and gravelly; 1 st and 3 rd rate. No timber. Undergrowth, oak, thimble berry and herb. Good grass for grazing. Mountainous land, or land covered with dense undergrowth 80.00 chs.
	July, 14, 1900: At this cor. we set off $21^{\circ} 41'$ N., on the decl. arc; and at 11 ^h 58 ^m a.m. l. m. t., observe the sun on the meridian, the resulting

Subdivision of T. 6 S. R. 4 E. - Continued

Chains lat. is $40^{\circ} 17' N.$

N. $0^{\circ} 01' W.$, bet. secs. 13 and 14.

Over mountainous land, through dense undergrowth; ascend.

1.74 Top of divide ridge bet. Packard Canon and cañon on north, 25 ft. above sec. cor. bears N. $60^{\circ} E.$ and S. $60^{\circ} W.$; descend.

7.70 Enter scattering pine and aspen timber, bears E. and W.

14.50 Drag road, bears NE. and SW., in hollow, 300 ft. below ridge, course N. E.; ascend.

29.00 Top of ridge, 50 ft. above hollow, bears N. E. and S. W.; descend.

35.00 Bottom of hollow, 200 ft. below ridge, course N. E.; ascend.

40.00 Set a sandstone, $18 \times 11 \times 8$ ins., 12 ins. in the ground, for 4. sec. cor., marked 4 on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

50.00 Top of spur, 100 ft. above hollow, bears E. and W. descend.

68.00 Bottom of cañon, 200 ft. below spur, course N. $20^{\circ} E.$; ascend.

86.00 Set a quartzite stone, $18 \times 12 \times 10$ ins., 12 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked with 4 notches on S. and 1 notch on E. edges; from which

An aspen, 6 ins. diam., bears N. $45^{\circ} E.$, 25 lbs. dist., marked T. 6 S., R. 4 E. S. 12, B. J.

An aspen, 5 ins. diam., bears S. $50^{\circ} E.$ 26 lbs. dist., marked T. 6 S., R. 4 E. S. 13, B. J.

An aspen, 6 ins. diam., bears S. $30^{\circ} W.$, 38 lbs. dist., marked T. 6 S., R. 4 E., S. 14, B. J.

An aspen, 5 ins. diam., bears

Subdivision of T. 6 S., R. 4 E. - Continued

Chains	<p>N. 26° W., 15 lks. dist., marked T. 6 S., R. 4 E., S. 11, B. J. Land, mountainous. Soil, black loam and gravelly; 1st and 3rd rate. Timber, scattering pine and aspen. Undergrowth, oak, willow, and labl. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 30.00 chs.</p>
	<p>N. 89° 59' E., on a random line bet. secs. 12 and 13. 40.00 Set temp. $\frac{1}{4}$ sec. cor. 80.10 Intersect E. bdy. of T. 11 lks. S. of the cor. of secs. 7, 12, 13, and 18., here to fore de scribed Thence, we run S. 89° 54' W., on a true line bet. secs 12 and 13. Over mountainous land, through dense undergrowth and scattering timber; ascend. 3.00 A small spring on line. 15.00 Leave cañon, bears N. 80° W. and course E. 31.90 Top of ridge, 250 ft. above sec. cor., bears N. and S.; descend 40.05 Set a sandstone 15' x 12' x 4 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which An aspen, 6 ins. diam., bears N. 5° W., 40 lks. dist., marked $\frac{1}{4}$ S. 12, B. J. An aspen, 6 ins. diam., bears S. 40° W. 20 lks. dist., marked $\frac{1}{4}$ S. 13, B. J. 43.90 Bottom of cañon, 200 ft. below ridge, course N.; ascend.</p>

Subdivision of T. 6 S., R. 4 E. - continued.

Chains	
52.40	Top of ridge, 300 ft above cañon, bears N. and S.; descend.
61.20	Bottom of cañon, 200 ft. below ridge course N. 20° E.; ascend.
80.10	<p>The cov. of secs. 11, 12, 13, and 14. Land, mountainous. Soil, gravelly; 3rd rate. Timber, pine and aspen. Undergrowth, oak, willow and lark. Good grass for grazing. Mountainous land or land covered with dense undergrowth, 80.10 ch.</p> <p style="text-align: right;">July 14, 1900.</p>

July 16, 1900: At 8th 0^m a.m., l.m.t., we set off 40° 18' N., on the lat. arc; 21° 24' N. on the decl. arc; and determine a true meridian with the solar, at the cov. of secs. 11, 12, 13, and 14. Thence we run

N. 0° 01' W., bet. secs. 11 and 12
 Over mountainous land, through dense undergrowth and scattering aspen timber; ascend.

5.75	Top of ridge, 100 ft. above cov., bears N. 80° E. and S. 70° W.; descend
18.50	Bottom of cañon, 300 ft. below ridge, course S. 60° E.; ascend.
40.00	<p>Set a quartzite stone, 14 x 10 x 8 ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cov., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cov. Oils impracticable.</p>
53.00	Top of divide ridge, 300 ft. above cañon, bears N. 40° E. and S. 60° W.; descend
62.10	Bottom of South Fork of Provo Cañon, 25 ft. below ridge, course N. 30° W. Leave timber, bears with ridge; ascend

Subdivision of T. 6 S., R. 4 E. - Continued

Chains

80.00

Set a sandstone, 18 X 8 X 5 ins., 12 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, marked with 5 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits unpracticable.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, scattering aspen.

Undergrowth, oak and barb.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

N. 89° 54' E., on a random line bet. secs. 1 and 12.

40.00

Set temp. 4 sec. cor.

80.02

Intersect E. bdy. of Twp. 6 ths. N. of the cor. of secs. 1, 6, 7, and 12, heretofore described. Thence we run

S. 89° 57' W., on a true line bet. secs. 1 and 12.

Over mountainous land, through dense undergrowth; ascend.

29.50

Top of ridge, 500 ft. above sec. cor., bears N. and S. 20° W.; enter scattering aspen timber, bears with ridge; descend.

33.30

Bottom of cañon, 40 ft. below ridge; course N. 28° E.; ascend.

40.01

Set a sandstone, 16 X 10 X 5 ins., 11 ins. in the ground, for 4 sec. cor., marked 4 on N. face; from which

An aspen, 8 ins. diam., bears N. 10° W., 36 ths. dist., marked 4 S. 1, B. J.

An aspen, 7 ins. diam., bears S. 40° W. 52 ths. dist., marked 4 S. 12, B. J.

Subdivision of T. 6. S., R. 4 E. - continued.

Chains

- 45.30 Top of divide ridge, 400 ft. above cañon, bears N. 20° W. and S. 20° E.; leave timber; descend.
- 80.02 The cor. of secs. 1, 2, 11, and 12.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
Timber, aspen.
Undergrowth, oak and barb.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 80.02 chs.
July 16, 1900: At the noon hour the sky is overcast and solar observations are impossible.
- N. 6° 01' W., bet. secs. 1 and 2.
Over mountainous land; through dense undergrowth; ascend.
- 35.40 Top of divide ridge, 350 ft. above cor., bears N. 40° W. and S. 40° E.; descend.
- 40.06 Set a sandstone, 15 x 10 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face: from which
An aspen, 4 ins. diam., bears N. 70° E., 40 lbs. dist., marked $\frac{1}{4}$ S. 1, B. 1.
A pine, 4 ins. diam., bears S. 80° W., 20 lbs. dist., marked $\frac{1}{4}$ S., 2 B. 1.
- 68.10 Bottom of cañon, 250 ft. below ridge, course E.; ascend.
- 86.25 Intersect 1st Standard Parallel South 6.37 chs. West of the Standard $\frac{1}{4}$ sec. cor. on S. bay of sec. 36, which is a sandstone, 5 x 12 x 6 ins., above ground firmly set, and marked and witnessed as described by the surveyor general.
Set a quartzite stone, 18 x 12 x 7 ins.,

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains 12 ins. in the ground, for closing cor. of secs. 1 and 2, marked C.C. on S., with 1 groove on E. and 5 grooves on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3rd rate. No timber. Undergrowth, oak and aspen sapplings. Good grass for grazing. Mountainous land, or land covered with dense undergrowth. 86.23 chs. July 16, 1900.

July 17, 1900: At 8th o^m a.m., l.m.s., we set off 40° 15' N., on lat. arc; 21° 14' N., on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 2, 3, 34, and 35 on S. bay. of T. 6., heretofore described.

Thence we run

N 0° 02' W., bet. secs. 34 and 35.

Over level bench, through dense undergrowth.

6.00 Road, bears N. E. and S. W.

11.41 Intersect boundary of John C. Whitings P. S. C. at angle cor. No. 6; which is angle cor. No. 4 on Joseph H. Curtis' P. S. C. (tract 2) heretofore described, we mark it C.C. J. C. W. on S., and J. H. C. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high S. of cor. Pits impracticable. Leave bench, bears N. E. and S. W.; descend.

19.00 Foot of descent, bears N. 20° E. and S. 20° W.; leave undergrowth and enter cultivated land, in Berry Port Cañon.

33.50 Water ditch 4 lks. wide, course S. 10° W.

34.50 Creek, 6 lks. wide, 3 ins. deep, in Berry

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains.	Port Cañon, course S. 25° W.
33.10	Wire fence, bears N. 80° W. and S. 80° E.; leave cultivated land and enter dense undergrowth.
38.86	Intersect boundary of Joseph B. Curtis' P. L. C. (tract 2). 6.12 chs. E. of 2 mile cor.; and 1.83 chs. West of beginning cor. on A. Milton Curtis' P. L. C. Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 34 and 35, marked C. C. G. B. C. on S. and A. M. C. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high S. of cor. Pits impracticable.
39.75	Creek, 10 lbs. wide, 1 in. deep, course S. E.; enter scattering cotton wood timber, bears E. and W.
40.00	Set a cobble stone, 18 x 11 x 9 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; from which A cotton wood, 8 ins. diam., bears N. 34° 30' E. 79 lbs. dist., marked ¼ S. 35; B. J. A cotton wood, 8 ins. diam., bears N. 70° 30' W., 80 lbs. dist., marked ¼ S. 34; B. J.
49.75	Creek, 10 lbs. wide, ½ in. deep, course S. W.
50.50	Leave timber, bears N. 20° E. and S. 20° W.; begin ascent, bears N. 20° E. and S. 20° W.
70.00	Top of ascent, bears N. 20° E. and S. 20° W.; thence across bench; a cultivated field bears W. 200 chs. dist.
80.00	Set a sandstone, 18 x 12 x 9 ins., 12 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, marked with 1 notch on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous and level. Soil, black loam and gravelly; 1 st and

6390
16.10

Subdivision of T. 6. S., R. 4 E. -- Continued.

Chain 2nd rate.

Timber, scattering cotton wood,
Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered
with dense undergrowth, 63.90 chs.

East, on a random line bet. secs. 26
and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect N. and S. line at the cor. of
secs. 25, 26, 35, and 36.

Thence we run

West, on a true line bet. secs. 26 and
35.

Over mountainous land through
dense undergrowth; ascend.

15.10 Top of ridge, 150 ft. above sec. cor.;
bears N. and S.; descend.

25.80 Bottom of hollow, 250 ft. below ridge,
course S. 20° W.; ascent.

40.06 Top of ridge, 100 ft. above hollow, bears
N. 20° E. and S. 20° W.

Set a sandstone, 18 X 14 X 6 ins., 12 ins. in
the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
N. face; and raise a mound of stone
2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits imprac-
ticable; descend.

71.91 Intersect boundary of A. Milton Curtis'
P. L. C., 190 chs. N. of the 2 mile cor.

Set a sandstone 14 X 10 X 10 ins., 9 ins.
in the ground, for closing cor. of secs.
26 and 35 marked C. C. on E. and A.
M. C. on W. faces; and raise a mound
of stone 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor.
Pits impracticable.

75.00 Creek, 6 lbs. wide, 2 ins. deep, in bottom
of Berry Port Cañon, 100 ft. below ridge,
course S. 10° W.; ascent.

Subdivision of T. 6. S., R. 4 E. - continued.

Chains

78.00 Top of ascent, bears N. 10° E. and S.;
thence across bench.

80.12 The cor. of secs. 26, 27, 34, and 35;
Land, mountainous and level.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered
with dense undergrowth, 80.12 chs.

July 17, 1900: At this cor. we set off 21°
12' N., on the decl. arc; and at 0^h 4^m
p. m. l. m. t., observe the sun on
the meridian, the resulting lat. is
40° 16' N.

N. 0° 02' W., bet. secs. 26 and 27.

Over level bench; through dense
undergrowth.

1.70 Wire fence, bears E. and W.; leave
bench, bears E. and W.; descend.

4.50 Bottom of cañon, 80 ft. below bench,
course S. 40° E.; ascend.

7.50 Top of ridge, 70 ft. above cañon, bears
N. 30° W. and S. 36° E.; descend.

16.00 Bottom of hollow, 40 ft. below ridge,
course S. 10° E.; ascend.

38.10 Intersect boundary of A. Milton
Curtis' P. S. C. 8, 21 chs. W. of 1½
mile cor. Set a quartzite stone, 14 x
12 x 5 ins., 9 ins. in the ground, for
closing cor. of secs. 26 and 27, marked
C. C. A. M. C. on N. face; and raise
a mound of stone, 2 ft. base, 1½ ft.
high, N. of cor. Pits impracticable.

40.00 Set a quartzite stone, 16 x 9 x 6 ins.,
11 ins. in ground, for ¼ sec. cor.,
marked ¼ on W. face; and raise

Subdivision of T. 6 S., R. 4 E. — Continue

Chains	a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
68.00	Top of ridge, 500 ft. above hollow, bears N. 30° W. and S. 30° E.; descend gradually along mountain side.
- 80.00	Set a sandstone, 18 x 12 x 5 ins. 12 ins. in the ground, for cor. of sec. 22, 23, 26 and 27, marked with 2 notches on S. and 2 notches on E. edges; and raise a mound of stone 2 ft. base, 1½ ft. high, W. of cor. Pits - impracticable. Land, mountainous and level Soil, gravelly loam; moderate No timber. Undergrowth, oak. Good grass for grazing Mountainous land or land covered with dense undergrowth 80.00 ch.
40.00	East on a random line bet. sec. 23 and 26
80.04	Set temp. ¼ sec. cor. Intersect N. and S. line 14 lbs. N. of the cor. of sec. 23, 24, 25, and 26. Thence, we run N. 89° 54' W., on a true line bet. sec. 23 and 26. Over mountainous land; through dense undergrowth; ascend.
8.00	Top of divide ridge bet. Packard and Berry Port canons, 100 ft. above sec. cor., bears N. and S. 20° W.; descend.
40.02	Set a blue limestone, 15 x 12 x 5 ins., 10 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains
 65.00 $1\frac{1}{2}$ ft. high N. of cov. Pits impracticable,
 Bottom of Berry Port Cañon, 900 ft. be-
 low ridge, course S. 20° W.; ascend.
 80.04 The cov. of secs. 22, 23, 26, and 27.
 Land, mountainous.
 Soil, gravelly; 3rd rate
 No timber.
 Undergrowth, oak and maple.
 Good grass for grazing.
 Mountainous land, or land covered
 with dense undergrowth, 80.04 chs.
 July 17, 1900.

July 18, 1900: At 7^h 30^m a. m. l. m. t.,
 we set off $40^{\circ} 16' 30''$ N., on the lat. arc; $21^{\circ} 4'$
 N., on the decl. arc; and determine a
 true meridian with the solar, at the
 cov. of secs. 22, 23, 26, and 27.

Thence we run

N. $0^{\circ} 02'$ W., bet. secs. 22 and 23.

Over mountainous land; through dense
 undergrowth; descend gradually.

40.00 Set a sandstone, $20 \times 9 \times 7$ ins., 15 ins
 in the ground, for $\frac{1}{4}$ sec. cov., marked
 $\frac{1}{4}$ on W. face; from which

A maple, 4 ins. diam., bears N.
 23° E., 70 lbs. dist., marked $\frac{1}{4}$
 S. 23; B. J.

A maple, 4 ins. diam., bears
 N. 33° W., 65 lbs. dist., marked
 $\frac{1}{4}$ S. 22; B. J.

49.40 Bottom of Berry Port Cañon, 100 ft. below
 $\frac{1}{4}$ sec. cov., course S. 10° E.; ascend.

80.00 Set a quartzite stone, $18 \times 8 \times 8$ ins., 12 ins.
 in the ground, for cov. of secs. 14, 15, 22,
 and 23. marked with 3 notches on S.
 and 2 notches on E. edges; and raise
 a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cov. Pits impracticable.

Sub-division of T. 6. S., R. 4 E. - Continued

Chains Land, mountainous.
 Soil, gravelly loam; 2nd rate.
 No timber.
 Undergrowth, oak, maple, and aspen
 sapplings.
 Good grass for grazing.
 Mountainous land, or land covered
 with dense undergrowth, 80.00 chs.

S. $89^{\circ} 54' E.$, on a random line bet.
 secs. 14 and 23.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 79.96 Intersect N. and S. line, $\frac{1}{2}$ hrs. S. of
 the cor. of secs. 13, 14, 23, and 24.
 Thence we run
 N. $89^{\circ} 56' W.$, on a true line bet. secs.
 14 and 23.
 Over mountainous land, through
 dense undergrowth; ascend.
 3.00 Top of divide ridge, bet. Port and
 Berry Port Cansons, 16 ft. above cor., bears
 N. E. and S. W.; descend.
 29.50 Bottom of hollow, 800 ft. below ridge,
 course S. $80^{\circ} W.$; ascend.
 39.98 Top of ridge, 200 ft. above hollow, bears
 N. E. and S. W. Set a quartzite stone
 20 x 12 x 6 ins., 15 ins. in the ground, for
 $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and
 raise a mound of stone, 2 ft. base,
 $1\frac{1}{2}$ ft. high, N. of cor. Out impracticable.
 - 79.96 The cor. of secs. 14, 15, 22, and 23.
 Land, mountainous.
 Soil, gravelly and rocky; 3rd and 4th rate.
 No timber
 Undergrowth, oak, maple, and aspen
 sappling.
 Good grass for grazing.
 Mountainous land, or land covered
 with dense undergrowth, 79.96 chs.

Subdivision of T. 6 S., R. 4 E. — continued

chains

July 18, 1900. At this cor. we set off $21^{\circ} 2'$ N. on the decl. arc; and at 0^h 5^m 11^s p. m. l. m. t. observe the sun on the meridian, the resulting lat. is $40^{\circ} 17' N.$

N. $0^{\circ} 02' W.$, bet. secs. 14 and 15.

Over mountainous land, through dense undergrowth; ascend.

24.00 Top of spur, 500 ft. above sec. cor., bears N. $60^{\circ} E.$ and S. $60^{\circ} W.$; descend gradually.

35.50 Bottom of swale, 30 ft. below ridge, course S. $50^{\circ} W.$; ascend.

40.00 Set a quartzite stone, $15 \times 8 \times 7$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

54.60 Top of divide ridge bet. Berry Port Cañon, and South fork of Provo Cañon, 400 ft. above swale, bears N. $60^{\circ} E.$ and S. $60^{\circ} W.$; descend.

80.00 Set a quartzite stone, $18 \times 10 \times 7$ ins., 12 ins. in the ground, for cor. of secs. 10, 11, 14 and 15, marked with 4 notches on S, and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth 80.00 chs.

S. $89^{\circ} 56' E.$, on a random line bet. secs.

Subdivision of T. 6 S., R. 4. E. - continued.

Chains	11 and 14.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line at the cor. of secs. 11, 12, 13, and 14. Thence we run N. $89^{\circ} 56'$ W., on a true line bet. secs. 11 and 14. Over mountainous land; through dense undergrowth and scattering timber; ascend.
9.00	Top of ridge, 150 ft. above sec. cor., bears N. 60° E. and S. 60° W.; descend.
20.00	Bottom of hollow, 100 ft. below ridge, course N. 40° E.; ascend.
40.00	Set a sandstone, $15 \times 8 \times 5$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which An aspen, 5 ins. diam., bears N. 20° E., 35 lbs. dist., marked $\frac{1}{4}$ S. 11., B. J. An aspen, 5 ins. diam., bears S. 30° W., 20 lbs. dist., marked $\frac{1}{4}$ S. 14., B. J.
41.50	Top of divide ridge, 500 ft. above hollow, bears N. 70° E. and S. 70° W.; descend gradually along N. side of mountain.
80.00	The cor. of secs. 10, 11, 14, and 15: Land, mountainous. Soil, gravelly loam; 2 nd rate. Timber, scattering aspen. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth. 80.00 chs. July 18, 1900

July 19, 1900: At 8th 0^m a.m., l.m. t., we set off $40^{\circ} 18'$ N., on the lat. arc; $20^{\circ} 53'$ N., on the decl. arc; and determine a

Subdivision of T. 6 S., R. 4 E. - continued.

<p>Chains</p> <p>1.50</p> <p>40.00</p> <p>57.60</p> <p>66.60</p> <p>80.00</p>	<p>true meridian, with the solar, at the cor. of secs. 10, 11, 14, and 15.</p> <p>Thence we run</p> <p>N. $0^{\circ} 02'$ W., bet. secs. 10 and 11</p> <p>Over mountainous land; descend abruptly.</p> <p>Enter dense aspen sapplings, bears E. and W.</p> <p>Set a quartzite stone, $18 \times 10 \times 7$ ins.; 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which</p> <p style="padding-left: 40px;">An aspen, 4 ins. diam., bears E., 14 lbs. dist., marked $\frac{1}{4}$ S. 11, B. J.</p> <p style="padding-left: 40px;">An aspen, 4 ins. diam., bears N. 40° W., 28 lbs. dist., marked $\frac{1}{4}$ S. 10, B. J.</p> <p>Bottom of cañon, 1000 ft. below sec. cor., course N. 60° W.; leave aspen and enter oak.</p> <p>Top of ridge, 200 ft. above cañon, bears N. 60° W. and S. 60° E.; descend.</p> <p>Set a quartzite stone, $18 \times 10 \times 6$ ins., 12 ins. in the ground, for cor. of secs. 2, 3, 10 and 11, marked with 5 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. (It is impracticable). Land, mountainous.</p> <p>Soil, gravelly loam: 3rd rate.</p> <p>No timber.</p> <p>Undergrowth, oak and aspen sapplings.</p> <p>Good grass for grazing.</p> <p>Mountainous land, or land covered with dense undergrowth, 80.00 chs.</p>
<p>40.00</p>	<p>S. $89^{\circ} 56'$ E., on a random line bet. secs. 2 and 11.</p> <p>Set temp. $\frac{1}{4}$ sec. cor.</p>

Subdivision of T. 6. S., R. 4 E. - continued.

Chains

- 80.08 Intersect n. and S. line, 11 lbs. S. of the cor. of secs 1, 2, 11, and 12.
Thence we run S. $89^{\circ}59'$ W., on a true line bet secs. 2 and 11.
Over mountainous land, through dense undergrowth; descend.
- 40.04 Set a quartzite stone, $15 \times 12 \times 4$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high. N. of cor. Sets impracticable.
- 44.60 Bottom of south fork of Provo Cañon; 600 ft. below sec. cor., course N. 30° W.; ascend.
- 80.08 The cor. of secs. 2, 3, 10, and 11.
Land, mountainous.
Soil, clay and gravelly loam; 2nd rate.
No timber
Undergrowth, oak and aspen sapplings.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth 80.08 chs.
July 19, 1900: At the noon hour the sky is overcast and solar observations are impossible.
-
- N. $0^{\circ}02'$ W., bet. sec. 2 and 3.
Over mountainous land, through dense undergrowth; descend.
- 7.70 Creek, 3 lbs. wide, 2 in. deep, in bottom of south fork of Provo Cañon, 130 ft. below sec. cor., course W.; ascend.
- 13.10 Top of ridge, 140 ft. above canon, bears E. and W.; descend.
- 16.50 Bottom of swale, 20 ft. below ridge, course W.; ascend.
- 40.00 Set a sandstone, $16 \times 12 \times 8$ ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked

Subdivision of T. 6. S., R. 4 E. - continued.

Chains	<p>$\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Posts impracticable.</p>
46.50	<p>Top of ridge, 100 ft. above swale, bears E. and W.; descend.</p>
51.00	<p>Bottom of swale, 50 ft. below ridge, same W.; ascend.</p>
86.30	<p>Intersect 1st Standard Parallel South 6.40 chs. W. of the Standard $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 35, which is a sandstone, 15' x 18' x 2 ins., - above ground, firmly set, and marked and witnessed as described by the surveyor general. Set a quartzite stone, 20 x 9 x 8 ins., 15 ins. in the ground, for closing cor. of sec. 2 and 3, marked C.C. on S., with 2 grooves on E. and 4 grooves on W. faces; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Posts impracticable. Land, mountainous. Soil, gravelly loam and rocky, 2nd and 4th acts. No timber. Undergrowth, oak. Good grass for grazing. Mountainous land or land covered with dense undergrowth, 86.30 chs. July 19, 1900.</p>

July 20, 1900: At 9th 0^m a.m., l. m. l., we set off 40° 15' N., on the lat. arc; 20° 41' N. on the decl arc; and determine a true meridian with the solar, at the cor. of sec. 3, 4, 33, and 34 on S. bdy. of Tp., heretofore described.
 Thence we run
 N. 0° 02' W. bet. sec. 33 and 34.
 Over bench land, through dense

Subdivision of T. 6 S., R. 4. E. - continued.

Chains	undergrowth; ascend gently.
25.15	Edge of bench, bears E. and W.; descend.
33.00	Bottom of hollow, 250 ft. below ridge.
40.00	Set a quartzite stone, 20 x 8 x 5 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ on W. face; from which An oak, 4 ins. diam., bears S. 70° E., 25 lbs. dist., marked $\frac{1}{4}$ S. 34, B. J. An oak, 4 ins. diam., bears S. 50° W., 18 lbs. dist., marked $\frac{1}{4}$ S. 33, B. J.
43.50	Top of ridge, 200 ft. above hollow, bears N. 80° W. and S. 80° E.; descend.
61.35	Road, bears N. 30° W. and S. 30° E., in bottom of Dry Cañon, 300 ft. below ridge, course S. 30° E.; ascend.
80.00	Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, marked with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3 rd rate. No timber. Undergrowth, oak. Good grass for grazing Mountainous land or land covered with dense undergrowth, 80.00 chs.
	East on a random line bet. secs. 27 and 34
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.12	Intersect N. and S. line, 7 lbs. N. of the cor. of secs. 26, 27, 34, and 35. Thence we run N. 89° 57' W., on a true line, bet. secs. 27 and 34.

Subdivision of T. 6 S., R. 4 E. — Continued.

Chains.	Over level bench; through dense undergrowth
5.10	Leave bench and ascend, bears N. and S.
11.79	Intersect boundary of A. Milton Curtis' P. L. C., 1.90 chs. N. of angle cor. No. 4. Set a sandstone, 15 X 10 X 8 ins., 10 ins. in the ground for closing cor. of secs. 27 and 34, marked C.C. on W. A. M. C. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
15.50	Top of ridge, 150 ft. above bench, bears N. and S.; descend.
40.06	Set a quartzite stone, 16 X 10 X 6 ins., 11 ins. in the ground, for ¼ sec. cor. marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high N. of cor. Pits impracticable.
51.00	Bottom of hollow, 250 ft. below ridge course S. 40° E.; ascend.
62.00	Top of ridge, 200 ft. above hollow, bears N. 30° W. and S. 30° E.; descend.
80.12	The cor. of secs. 27, 28, 33, and 34. Land, mountainous and level. Soil, gravelly; 3 rd rate. No timber. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth 80.12 chs. July 20, 1900: At this cor. we set off 20° 40' N., on the decl. arc; and at 0 th 3 ^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 16' N.

N. 0° 02' W., bet. secs. 27 and 28.

Subdivision of T. 6 S., R. 4 E. - Continue

Chains	Over mountainous land, through dense undergrowth; ascend.
27.80	Top of ridge, 400 ft. above sec. cor., bears N. 60° W. and S. 30° E.; enter scattering aspen timber, bears with ridge; descend.
40.00	Set a sandstone, 14 x 9 x 6 ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which An aspen, 5 ins. diam., bears S. 84° E., 35 lbs. dist., marked $\frac{1}{4}$ S. 27, B. J. An aspen 5 ins. diam., bears S. 80° W., 24 lbs. dist., marked $\frac{1}{4}$ S. 28, B. J.
51.50	Bottom of hollow, 500 ft. below ridge, course E.; ascend.
68.00	Top of ridge, 200 ft. above hollow, bears E. and W.; descend.
75.50	Bottom of hollow, 150 ft. below ridge, course S. 60° E.; ascend.
80.00	Set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, marked with 2 notches on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly loam; 2 nd rate. Timber, scattering aspen. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. July 20, 1900.

July 21, 1900: At 7^h 30^m a. m., l. m. t., we set off 40° 16' 30" N., on the lat. arc; 20° 31' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 21, 22, 27, and 28.

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains	Thence we run S. $89^{\circ} 57'$ E., on a random line, bet. secs. 22 and 27.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.16	Intersect N. and S. line, 10 lks. S. of the cor. of secs. 22, 23, 26 and 27. Thence we run S. $89^{\circ} 59'$ W, on a true line bet. secs. 22 and 27. Over mountainous land, through dense undergrowth; ascend.
12.00	Top of ridge, 150 ft. above sec. cor.; bears N. and S.; descend.
38.90	Bottom of cañon, 450 ft. below ridge, course S. 20° E.; ascend.
40.08	Set a quartzite stone, $15 \times 10 \times 7$ ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
80.16	The cor. of secs. 21, 22, 27, and 28. Land mountainous. Soil, gravelly; 2 nd rate. No timber. Undergrowth, oak. Good grass for grazing. Mountainous land or land covered with dense undergrowth, 80.16 chs.
	N. $0^{\circ} 02'$ W., bet. secs. 21 and 22. Over mountainous land, through dense undergrowth; ascend.
10.00	Top of ridge, 200 ft. above cor., bears E. and W.; descend.
30.50	Bottom of hollow, 200 ft. below ridge, course E.; ascend.
40.00	Set a quartzite stone, $18 \times 10 \times 6$ ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mark- ed $\frac{1}{4}$ on W. face; and raise a mound

Subdivision of T. 6 S., R. 4 E. - continued.

Chains	of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
42.50	Top of ridge, 200 ft. above hollow, bears E and W.; descend.
50.00	Bottom of hollow, 100 ft. below ridge, course E.; ascend.
80.00	Set a quartzite stone, 18 X 14 X 8 ins., 12 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, marked 6 S. on N. E., and 4 E. on S. E. faces; with 3 notches on S. and E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3 rd rate. No timber. Undergrowth, oak and aspen sapplings Good grass for grazing. Mountainous land or land covered with dense undergrowth; 80.00 chs. July 21, 1900: At this cor. we set off 20° 28' N. on the decl. arc; and at 0 th 2 ^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 17' N.
	N. 89° 59' E., on a random line bet. secs. 15 and 22.
40.00	Set temp. ¼ sec. cor.
80.20	Intersect N. and S. line, at the cor. of secs. 14, 15, 22 and 23. Thence we run S. 89° 59' W., on a true line, bet. secs. 15 and 22. Over mountainous land, through dense undergrowth; descend.
16.25	Bottom of Berry Port Cañon, 400 ft. below sec. cor., course S. 20° E.; ascend.
40.10	Set a quartzite stone, 16 X 10 X 6 ins.,

Subdivision of T. 6 S., R. 4 E. - Continued.

- 3 chains 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
- 44.30 Top of ridge, 500 ft. above cañon, bears N. 25° W. and S. 25° E.; descend.
- 62.00 Bottom of cañon, 250 ft. below ridge, course S. 20° E.; ascend.
- 80.20 The cor. of secs. 15, 16, 21, and 22. This cor. is 300 ft. above hollow.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
No timber.
Undergrowth, oak and aspen sapplings.
Good grass for grazing.
Mountainous land or land covered with dense undergrowth, 80.20 chs.
At the cor. of secs. 15, 16, 21, and 22, latitude $40^{\circ} 17' N.$, longitude $111^{\circ} 36' W.$; At $11^{\text{h}} 29^{\text{m}}$ p.m., l. m. t., we observe Polaris at eastern elongation in accordance with the Manual of Instructions, and mark a point in the line thus determined by a tack driven in a wooden peg, set in the ground, 5.00 chs. N. of our station
July 21, 1900.

July 23, 1900: At $6^{\text{h}} 30^{\text{m}}$ a.m., l. m. t., we lay off the azimuth of Polaris $1^{\circ} 36.1'$ to the west, and mark the true meridian thus determined, by cutting a small groove in a stone, firmly set in the ground, west of the mark established by Polaris observations; the magnetic bearing of said true meridian is N. $16^{\circ} 29' W.$, which reduced by the table, page 100 of the Manual, gives the mean mag. decl. $16^{\circ} 24' E.$

At $7^{\text{h}} 3^{\text{m}}$ a.m., l. m. t., we set off $40^{\circ} 17' N.$

BOOK

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains	<p>on the lat. arc; $20^{\circ} 8' N.$, on the decl. arc, and mark the true meridian determined with the solar, by a cross (X) on the stone already set 5.00 chs. N. of our station; this mark falls 0.25 ins. east of the true meridian established by Polaris observation; therefore we conclude that the adjustments of the instruments are satisfactory.</p> <p>Hence we run</p> <p>$N. 0^{\circ} 02' W.$, bet. secs. 15 and 16.</p> <p>Over mountainous land, through dense undergrowth; ascend</p>
5:20	<p>Top of divide ridge bet. Berry Port Cañon and south fork of Provo Cañon, 150 ft. above cor., bears E. and W.; enter scattering pine and aspen timber, bears with ridge; descend.</p>
40.00	<p>Set a quartzite stone, $16 \times 11 \times 6$ ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears $S. 20^{\circ} E.$, 40 lbs. dist., marked $\frac{1}{4} S. 15, B. J.$</p> <p style="padding-left: 40px;">An aspen, 6 ins. diam., bears $S. 80^{\circ} W.$, 25 lbs. dist., marked $\frac{1}{4} S. 16, B. J.$</p>
54.50	<p>Bottom of cañon, 350 ft. below ridge, course $N. 80^{\circ} E.$; ascend.</p>
63.00	<p>Top of ridge, 100 ft. above hollow, bears E. and W.; descend.</p>
80.00	<p>Set a quartzite stone, $18 \times 10 \times 9$ ins., 12 ins. in the ground, for cor. of secs. 9, 10, 15, and 16, marked with 4 notches on S., and 3 notches on E. edges; from which</p> <p style="padding-left: 40px;">An aspen, 6 ins. diam., bears $N. 40^{\circ} E.$, 50 lbs. dist., marked J. 6 S., R. 4 E., S. 10, B. J.</p> <p style="padding-left: 40px;">An aspen, 5 ins. diam., bears $S. 86^{\circ} E.$, 48 lbs. dist., marked J. 6 S., R. 4 E., S. 15, B. J.</p> <p style="padding-left: 40px;">An aspen, 6 ins. diam., bears $S. 60^{\circ} W.$, 30 lbs. dist., marked J. 6 S.</p>

off

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains	<p>R. 4 E., S. 16, B. J. An aspen, 6 ins. diam., bears N. 40° W., 20 lbs. dist., marked T. 6 S., R. 4 E., S. 9, B. J. Land, mountainous. Soil, black and gravelly loam; 1st and 2nd rate. Timber, scattering pine and aspen. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs.</p>
<p>40.00 80.14 -- 2.00 40.07 42.10 67.25 80.14</p>	<p>N. 89° 59' E., on a random line bet. secs. 10 and 15. Det. temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line 8 lbs. S. of the cor. of secs. 10, 11, 14, and 15. Thence we run S. 89° 56' W., on a true line bet. secs. 10 and 15. Over mountainous land; ascend. Top of ridge, 25 ft. above cor., bears N. W. and S.; enter dense oak brush, bears with ridge; descend. Det a quartzite stone, 14 x 8 x 6 ins., 9 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1$\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. Enter scattering aspen timber, bears N. and S. Bottom of cañon, 1000 ft. below ridgecourse N. 20° W.; ascend. The cor. of secs. 9, 10, 15; and 16. Land, mountainous. Soil, gravelly loam; 2nd rate. Timber, scattering aspen. Undergrowth, oak. Good grass for grazing.</p>

Subdivision of T. 6 S., R. 4 E. - continued

	<p>Mountainous land, or land covered with dense undergrowth, 80.14 chs. July 23, 1900: At the noon hour the sky is overcast and solar observations are impossible.</p>
40.10	<p>N. 0° 02' W., bet. secs. 9 and 10. Over mountainous land, through scattering timber and undergrowth; descend Set a quartzite stone, 16 x 14 x 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which An aspen, 6 ins. diam.; bears N. 40° E., 15 lbs. dist. marked $\frac{1}{4}$ S. 10, B. J. An aspen, 6 ins. diam., bears S. 60° W., 33 lbs. dist., marked $\frac{1}{4}$ S. 9. B. J.</p>
41.60	<p>Leave timber bears N. E. and W. Bottom of cañon, 5.00 ft. below sec. cor., course N. 20° W.; ascend.</p>
53.00	<p>Top of ridge, 25 ft. above cañon, bears N. W. and S. E.; descend.</p>
55.00	<p>Bottom of cañon, 7.5 ft. below ridge, course N. W.; ascend.</p>
74.00	<p>Top of spur, 80 ft. above cañon, bears N. W. and S. E.; descend.</p>
77.50	<p>Creek, 6 lbs. wide, 3 ins. deep, in bottom of south fork of Provo Cañon, 200 ft. below spur, course W.; ascend.</p>
77.70	<p>Wrag road in cañon, bears E. and W.</p>
80.00	<p>Set a quartzite stone, 18 x 10 x 7 ins., 12 ins. in the ground, for cor. of secs. 3, 4, 9 and 10, marked with 5 notches on S. and 3 notches on E. edges; and saw a mound of stone, 2 ft. base, 17 ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly loam and rocky, 2nd and 4th</p>

Subdivision of T. 6 S., R. 4 E. - Continued.

hours.

rate.

Timber scattering aspen.

Undergrowth, oak.

Good grass for grazing.

mountainous land, \$0.00 chs.

July 23, 1900.

July 25, 1900: At 9^h 30^m a.m., l. m. t., we set off 40° 19' N. on the lat. arc; 19° 41' N. on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 3, 4, 9, and 10. N. 89° 56' E. on a random line bet. secs. 3 and 10.

40.00 Set temp. & sec. cor.

80.04 Intersect N. and S. line, 4 lks. S. of the cor. of secs. 2, 3, 10 and 11.

Thence we run

S. 89° 54' W., on a true line bet. secs. 3 and 10

Over mountainous land; through dense undergrowth; ascend.

2.40 Top of ridge, 15 ft. above sec. cor., bears N. and S.; descend.

18.60 Spring branch, 2 lks. wide, 1 in. deep, in hollow 200 ft. below ridge, course N. 20° E.; ascend.

22.50 Spring branch, 1 lk. wide, 1 in. deep course N.

29.25 Top of ridge, 25 ft. above hollow, bears N. and S.; descend.

40.02 Set a sandstone, 15 x 12 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which

An aspen, 4 ins. diam., bears N. 15° W., 20 lks. dist., marked $\frac{1}{4}$ S. 3, B. J.

An aspen, 4 ins. diam., bears S. 20° E., 2.5 lks. dist., marked $\frac{1}{4}$ S. 10, B. J.

56.85 Creek, 4 lks. wide, 3 ins. deep, in bottom of south fork of Provo Cañon, 250 ft. below

Subdivision of T. 6 S., R. 4 E. - Continue

Chains	ridge, course S. 75° W.; ascend.
57.65	Dragroad in cañon, bears N. 75° E. and S. 75° W.
68.10	Top of ridge, 100 ft. above cañon; bears N. and S.; descend.
80.04	The cor. of secs. 3, 4, 9, and 10.
	Land mountainous.
	Soil, black and gravelly; 1 st and 2 nd rate.
	No timber.
	Undergrowth, oak and aspen sapplings.
	Good grass for grazing.
	Mountainous land, or land covered with
	dense undergrowth; 80.04 chs.
	July 23, 1900: At the noon hour the sky is overcast and solar observations are impossible.
	N. 0° 02' W., bet. secs. 3 and 4.
	Over mountainous land, through dense oak brush; ascend.
40.00	Set a quartzite stone, 20 X 10 X 8 ins., 15 ins., in the ground, for 4 sec. cor., marked 4 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
42.20	Top of ridge, 600 ft. above sec. cor., bears E. and W.; descend.
45.40	Enter dense aspen sapplings and leave oak, bears E. and W.
46.60	Bottom of cañon, 450 ft. below ridge, course N. 30° W.; ascend.
76.50	Top of spur, 50 ft. above cañon, bears N. W. and S. E.; descend.
82.20	Bottom of cañon, 50 ft. below spur, course N. 70° W.; leave aspen sapplings and enter dense oak brush, bears with cañon ascend.
86.36	Intersect 1 st Standard Parallel South, 6.28 chs. W. of the standard 4 sec. cor. on S. bay. of sec. 3½, which is a Cobble stone

Subdivision of T. 6 S., R. 4, E. - continued.

Chains. 5x10x4 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general. Set a quartzite stone, 20x10x5 ins., 15 ins. in the ground, for closing cor. of secs. 3 and 4, marked C. C. on S. with 3 grooves on E., and W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pitt impracticable.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and aspen sapplings.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 86.36 chs.

July 25, 1900.

July 26, 1900: At 8th 0^m a. m., l. m. t., we set off 40° 15' N., on the lat. arc, 19° 29' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 4, 5, 32. and 33, on S. bdy. of Twp. heretofore described Thence we run

N. 0° 03' W., bet. secs. 32. and 33.

Over mountainous land, through dense undergrowth; descend.

19.50 Bottom of hollow 150 ft. below cor. course S. 60° E.; ascend.

25.00 Top of ridge, 300 ft. above hollow, bears N. 60° W. and S. 60° E.; enter heavy aspen timber, bears with ridge; descend.

40.00 Set a sandstone, 15x10x6 ins., 10 ins. in the ground, for 4 sec. cor., marked 4 on W. face; from which

An aspen, 7 ins. diam., bears N. 85° E., 28 lks. dist., marked

Subdivision of T. 6 S., R. 4 E. - continued

	<p>$\frac{1}{4}$ S. 33, B. J. An aspen, 6 ins. diam., bears S. 80° W., 40 lbs. dist., marked $\frac{1}{4}$ S. 32, B. J.</p>
61.30	<p>Drainage, bears E. and W., in hollow, 200 ft. below ridge, course E.; ascend</p>
72.00	<p>Top of ridge, 250 ft. above hollow, bears E. and W.; ascend.</p>
80.00	<p>Set a quartzite stone, 20 x 10 x 10 ins., 15 ins. in the ground, for cor. of sec. 28, 29, 32, and 33, marked with 1 notch on S., and 4 notches on E. edges from which</p> <p>An aspen, 10 ins. diam., bears N. 48° E. 32 lbs. dist., marked T. 6 S., R. 4 E., S. 28, B. J.</p> <p>An aspen, 8 ins. diam., bears S. 30° E., 30 lbs. dist., marked T. 6 S., R. 4 E., S. 33, B. J.</p> <p>An aspen, 6 ins. diam., bears S. 60° W. 26 lbs. dist., marked T. 6 S., R. 4 E., S. 32, B. J.</p> <p>An aspen, 10 ins. diam., bears N. 20° W., 19 lbs. dist., mark- ed T. 6 S., R. 4 E. S. 29, B. J.</p> <p>Land, mountainous Soil, black loam and gravelly; 1st and 3rd rate. Timber, aspen. Undergrowth, oak. Good grass for grazing. Mountainous or heavily timbered, land, or land covered with dense undergrowth, 80.00 chs.</p>
	<p>East on a random line between sec. 28 and 33.</p>
40.00	<p>Set temp. $\frac{1}{4}$ sec. cor.</p>
79.96	<p>Intersect N. and S. line, at the cor. of</p>

Subdivision of T. 6 S., R. 4 E. - continued.

- chains secs. 27, 28, 33, and 34.
 Thence we run
 West on a true line bet. secs. 28 and 33.
 Over mountainsous land; through
 dense undergrowth; descend abruptly.
 21.30 Bottom of Dry Cañon, 500 ft. below
 sec. cor., course S. 30° E.;
 21.75 Drag road, bears N. 30° W. and S. 30° E.;
 a small reservoir, dry, bears S. 30° E. a-
 bout 3.00 chs. dist. ascend abruptly
 30.00 Top of ridge, 400 ft. above cañon, bears N.
 30° W. and S. 30° E.; descend gradually.
 39.98 Det a sandstone, 16 x 8 x 6 ins., 11 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on
 N. face; from which
 A maple, 5 ins. diam., bears
 N. 47° W., 68 lbs. dist., marked
 $\frac{1}{4}$ S. 28; B. J.
 An aspen, 4 ins. diam. bears
 S. 43° E., 17 lbs. dist., marked
 $\frac{1}{4}$ S. 33, B. J.
 65.40 Creek, 5 lbs. wide, 3 ins. deep, in bottom
 of cañon, 50 ft. below ridge, course S. 75° E.
 Enter heavy aspen timber, bears N. 75°
 W. and S. 75° E.; ascend.
 70.60 Dragroad, bears N. 50° W. and S. 50° E.
 79.96 The cor. of secs. 28, 29, 32, and 33.
 Land, mountainsous.
 Soil, black loam and gravelly; 1st and 3rd
 rate.
 Timber, aspen.
 Undergrowth, oak, maple and aspen.
 Good grass for grazing.
 Mountainsous or heavily timbered land or land
 covered with dense undergrowth, 79.96 chs.
 July 26, 1900: At the noon hour the sky is
 overcast and solar observations are impossible.

N. 0° 13' W. bet. secs. 28 and 29.

Subdivision of T. 6 S., R. 4 E. - Contin.

Chains	Over mountainous land; through heavy aspen timber; descend.
7.20	Creek, 5 lks. wide, 6 ins. deep, in cañon, 150 ft. below cor., course S. 45° E.; ascend.
7.80	Drag road, bears N. 80° W. and S. 80° E.
13.95	Drag road, bears N. 80° W. and S. 80° E.
15.60	Drag road, bears N. 80° W. and S. 80° E.
18.00	Top of ridge, 250 ft. above cañon, bears N. 80° W. and S. 80° E.; descend.
25.20	Creek, 3 lks. wide, 2 ins. deep, in cañon 150 ft. below ridge, course E.; ascend.
26.70	Drag road, bears E. and W.
36.60	Top of ridge, 150 ft. above cañon; bears E. and W.; descend.
38.50	Bottom of hollow, 100 ft. below ridge, course E.; ascend.
40.00	Set a sandstone, 15 x 12 x 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which <div style="margin-left: 40px;">An aspen, 6 ins. diam., bears N. 70° E. 80 lks. dist., marked $\frac{1}{4}$ S. 28, B. J. An aspen, 5 ins. diam., bears S. 80° W., 10 lks. dist., marked $\frac{1}{4}$ S. 29, B. J.; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</div>
45.60	Top of ridge, 150 ft. above hollow, bears E. and W.; descend.
67.60	Bottom of Dry Cañon, 350 ft. below ridge, course S. E.; leave aspen timber and enter dense undergrowth; ascend.
80.00	Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for cor. of secs. 20, 21, 28, and 29. marked with 2 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly loam; 2 nd rate. Timber, aspen.

Subdivision of T. 6 S., R. 4 E. - continued

chains	<p>Undergrowth, oak and larch. Good grass for grazing. Mountainous or heavily timbered land or land covered with dense undergrowth, 80.00 chs.</p>
46.00	<p>East on a random line bet. secs. 21 and 28. Set temp. $\frac{1}{4}$ sec. cor.</p>
80.06	<p>Intersect N. and S. line, 8 lbs. N. of the cor. of secs. 21, 22, 27, and 28. Thence we run N. $89^{\circ} 57' W.$, on a true line bet. secs 21 and 28.</p>
21.25	<p>Over mountainous land, through dense undergrowth; ascend. Top of ridge, 600 ft. above sec. cor., bears N. $5^{\circ} W.$, and S. $5^{\circ} E.$; descend.</p>
40.03	<p>On aspen, 4 ins. diam., for $\frac{1}{4}$ sec. cor., we mark $\frac{1}{4}$ S. 21, on N., and S. 28 on S. side, from which On maple, 4 ins. diam., bears N. $60^{\circ} W.$, 65 lbs. dist., marked $\frac{1}{4}$ S. 21, B. J. On aspen, 4 ins. diam., bears S. 50 lbs. dist., marked $\frac{1}{4}$ S. 28, B. J.</p>
45.00	<p>Branch of Dry Cañon, 800 ft. below ridge course S.; ascend.</p>
71.50	<p>Top of ridge, 350 ft. above cañon, bears N. 10° $W.$ and S. $20^{\circ} E.$; descend.</p>
80.06	<p>The cor. of secs. 20, 21, 28, and 29. Land, mountainous Soil, gravelly; 3rd rate no timber. Undergrowth, oak, maple, and aspen. Good grass for grazing Mountainous land, or land covered</p>

Subdivision of T. 6 S., R. 4 E. - West

Cham.	with dense undergrowth; 80.00 chs. July 26, 1900.
	July 27, 1900: At 7 th 30 ^m a. m., 1 m. S., we set off 40° 16' 30" N., on the lat. arc; 19° 16' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 20, 21, 28, and 29. Thence we run N. 0° 0' W., bet. secs. 20 and 21. Over mountainous land; through dense undergrowth; ascend. 32.20 Top of ridge, 700 ft. above sec. cor., bears N. 30° W. and S. 30° E.; descend. 38.65 Enter heavy aspen timber, bears East W. 40.00 Bottom of hollow, 50 ft. below ridge, course E.; ascend. Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., mark- ed $\frac{1}{4}$ on W. face; from which An aspen, 6 ins. diam., bears S. 10° E., 30 lbs. dist., marked $\frac{1}{4}$ S. 21, B. J. On aspen, 5 ins. diam., bears W. 14 lbs. dist., marked $\frac{1}{4}$ S. 20, B. J. 58.20 Top of divide ridge, bet. Dry Cañon and south fork of Pross Cañon, 150 ft. above hollow, bears N. 80° E. and S. 80° W.; de- scend. 80.00 Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for cor. of secs. 16, 17, 20, and 21, marked with 3 notches on S. and 4 notches on E. edges; from which An aspen, 8 ins. diam., bears N. 40° E., 50 lbs. dist., marked J. 6 S. R. 4 E. S. 16, B. J. An aspen, 8 ins. diam., bears

Subdivision of T. 6 S., R. 4 E. - Continued.

chains

S. 20° E., 30 lbs. dist., marked
T. 6 S., R. 4 E., S. 21, B. J.

An aspen, 7 ins. diam., bears
S. 50° W., 60 lbs. dist., marked
T. 6 S., R. 4 E., S. 20, B. J.

On aspen, 6 ins. diam. bears
N. 40° W. 38 lbs. dist., mark-
ed T. 6 S., R. 4 E., S. 17, B. J.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, aspen.

Undergrowth, oak.

Good grass for grazing.

Mountainous or heavily timbered
land, or land covered with dense un-
dergrowth, 80.00 chs.

S. 89° 57' E., on a random line bet. secs.
16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.10 Intersect N. and S. line, 11 lbs. N. of the
cor. of secs. 15, 16, 21, and 22

Thence, we run

N. 89° 52' W., on a true line bet. secs. 16
and 21.

Over mountainous land; through scat-
tering undergrowth; ascend.

1.90 Enter scattering aspen timber, bears
N. W. and S. E.

40.05 Set a quartzite stone, 14 X 10 X 10 ins.,
9 ins. in the ground for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on N. face; from which

An aspen, 5 ins. diam., bears
N. 20° E., 28 lbs. dist., marked
 $\frac{1}{4}$ S. 16, B. J.

An aspen, 8 ins. diam., bears
S. 80° W., 36 lbs. dist., marked
 $\frac{1}{4}$ S. 21, B. J.

48.00 Top of divide ridge, bet. Berry Port

Subdivision of T. 6 S., R. 4 E. - Contin.

Cham. Cañon and south fork of Provo Cañon
200 ft. above hollow, bears N. and S., de-
scend.

- 80.10 The cor. of secs. 16, 17, 20, and 21
Land, mountainous.
Soil, gravelly; 3rd rate.
Timber, scattering aspen.
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, 80.10 chs.
July 27, 1900: At this cor. we set off 19°
13' N., on the decl. arc, and at 0^h 3^m
p. m., l. m. t., observe the sun on the
meridian, the resulting lat. is 40° 17'
N.

N. 0° 03' W., bet. secs. 16 and 17.

Over mountainous land, through
heavy aspen timber, descend.

46.00 Set a conglomerate stone, 20 x 12 x 5 ins.,
15 ins. in the ground, for $\frac{1}{4}$ sec. cor.,
marked $\frac{1}{4}$ on W. face, from which

An aspen, 4 ins. diam., bears
N. 70° E., 25 lbs. diet, marked
 $\frac{1}{4}$ S. 16, 13, T.

An aspen, 4 ins. diam., bears
N. 74° W., 25 lbs. diet, marked
 $\frac{1}{4}$ S. 17, 13, T.

52.50 Bottom of hollow, 600 ft. below sec. cor.,
course W.; ascend.

58.50 Leave timber and enter scattering un-
dergrowth, bears E. and W.

- 80.00 Top of ridge, 500 ft. above hollow, bears
N. W. and S. E. and N. E.

Set a quartzite stone, 18 x 9 x 8 ins., 12
ins. in the ground, for cor. of secs. 8,
9, 16, and 17, marked with 4 notches
on S. and E. edges, and raised mound
of stones, 2 ft. base, 1 1/2 ft. high, W. of cor.

Subdivision of T. 6 S., R. 4 E. - continued.

Chains.	<p>Pits impracticable. Land, mountainous. Soil, gravelly loam; 2nd rate. Timber, aspen. Undergrowth, oak. Good grass for grazing. Mountainous or heavily timbered land 80.00 chs.</p>
<p>40.00 80.22 30.00 37.80 40.11 58.20 68.50 76.50 80.22</p>	<p>S. 89° 52' E., on a random line bet. secs. 9 and 16. Set temp. $\frac{1}{4}$ sec. cor. Intersect N. and S. line, 7 lks. S. of the cor. of secs. 9, 10, 15, and 16. Thence we run N. 89° 55' W., on a true line bet. secs. 9 and 16 Over mountainous land, through dense undergrowth and scattering aspen timber; ascend Top of ridge, 300 ft. above sec. cor., bears N. 20° E. and S. 20° W.; descend. Bottom of cañon, 75 ft. below ridge, course N. 20° E. and S. 20° W.; ascend. Set a sandstone, 20 X 10 X 4 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which An aspen, 4 ins. diam., bears S. 20° W., 25 lks. dist., marked $\frac{1}{4}$ S. 16, B.T.; no other trees within limits; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Top of ridge, 600 ft. above cañon, bears N. 50° E. and S. 50° W.; descend. Bottom of hollow, 250 ft. below ridge, course N. 20° E.; ascend. Leave timber, bear N. and S. Top of ridge, 300 ft. above hollow, bears</p>

Subdivision of T. 6. S., R. 4 E. - continued.

Chains

N. W. and S. E.

The cor. of secs. 8, 9, 16, and 17.

Land, mountainous.

Soil, gravelly lo-ess; 2nd rate.

Timber scattering aspen.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 30.22 chs.

July 27, 1900.

July 28, 1900: At 8th 0^m a.m., b. my. t., we set off $40^{\circ} 18' N.$, on the lat. arc; $19^{\circ} 1' N.$, on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 8, 9, 16, and 17.

Thence we run

$N. 0^{\circ} 03' W.$, bet. secs. 8 and 9.

Over mountainous land, through dense undergrowth; descend.

25.50 Bottom of hollow, 250 ft. below ridge, course $N. 80^{\circ} E.$; ascend.

40.00 Set a quartzite stone, $18 \times 7 \times 7$ ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

40.15 Top of ridge, 150 ft. above hollow, bears E. and W.; descend.

42.00 Enter heavy aspen timber, bears E. and W.

67.50 Bottom of hollow, 350 ft. below ridge, course $N. 10^{\circ} W.$; leave timber, bears $N. 10^{\circ} W.$ and $S. 10^{\circ} E.$; ascend.

80.00 Set a quartzite, $18 \times 10 \times 8$ ins., 12 ins. in the ground, for cor. of secs. 4, 5, 8, and 9, marked with 5 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high;

Subdivision of T. 6 S., R. 4 E. continued.

Chains	<p>U. of cor. Pits impracticable. Land, mountainous. Soil, loam and gravelly; 2nd and 3rd rate. Timber, aspen. Undergrowth, oak. Good grass for grazing. Mountainous or heavily timbered land or land covered with dense undergrowth, 80.00 chs.</p>
	<p>S. $89^{\circ} 55'$ E., on a random line bet. secs. 4 and 9.</p>
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line, 6 lks. S. of the cor. of secs. 3, 4, 9, and 10. Thence we run N. $89^{\circ} 58'$ W., on a true line bet. secs. 4 and 9. Over mountainous land, through dense undergrowth, descend.
10.80	Enter scattering aspen and cotton- wood timber, bears N. W. and S. E.
12.00	Wagon road, bears N. 70° W. and S. 70° E.
16.00	Creek, 6 lks. wide, 3 ins. deep, moderate current, in bottom of south fork of Provo Cañon, 100 ft. below sec. cor., course N. 70° W.; ascend.
40.07	Set a quartzite stone, 16 X 10 X 8 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face: from which An aspen, 6 ins. diam., bears N. 45° W., 15 lks. dist., marked $\frac{1}{4}$ S. 4, B. J. An aspen, 5 ins. diam., bears S. 12 lks. dist., marked $\frac{1}{4}$ S. 9, B. J.
42.00	Leave timber, bears N. W. and S. E.
57.60	Top of ridge, 120 ft. above cañon, bears

Subdivision of T. 6 S., R. 4 E. - 6 on

Chains	N. and S.; descend.
62.85	Bottom of cañon, 80 ft. below ridge, course N.; ascend.
77.10	Top of spur, 300 ft. above cañon, bears N. and S.; descend.
80.14	The cor. of secs. 4, 5, 8, and 9. Land, mountainous. Soil, gravelly; 3 rd rate. Timber, cottonwood and aspen. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.14 chs. July 28, 1900: At this cor. we set off 18° 5' 8" N., on the decl. arc; and at 0 ^h 4 ^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 19' N.
	N. 0° 03' W., bet. secs. 4 and 5. Over mountainous land, through scattering undergrowth; ascend.
3.00	Top of ridge, 20 ft. above cor., bears N. 30° W. and S. 30° E.; descend.
21.00	Wagon road, bears N. 60° W. and S. 60° E.
21.75	Creek, 5 lks. wide, 3 ins. deep, rapid current, in bottom of south fork of Provo Cañon, 350 ft. below ridge, course N. 60° W.; ascend abruptly.
30.00	Enter scattering cedar timber, bears E. and W.
40.00	Set a quartzite stone, 16 x 8 x 6 ins., 11 ins. in the ground, for 4 sec. cor., marked 4 on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.
41.55	Top of ridge, 600 ft. above cañon, bears E. and W.; Leave cedar timber and

Subdivision of T. 6 S., R. 4 E. — continued

chains. enter dense undergrowth, bears with ridge; descend abruptly.

62.45 Bottom of cañon, 500 ft. below ridge, course W.; ascend.

86.24 Intersect 1st Standard Parallel South 6.36 chs. W. of the Standard $\frac{1}{4}$ sec. cor., on S. bay. of sec. 33, which is a sandstone, 5' x 8' x 8' ins., above ground, firmly set, and marked and witnessed as described by the surveyor general. Set a quartzite stone, 16 x 10 x 5' ins., 11 ins. in the ground, for closing cor. of secs. 4 and 3; marked C. C. on S., with 4 grooves on E. and 2 grooves on W. faces; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, S. of cor. Pits impracticable.

Land, no mountains.

Soil, gravelly loam and rocky; 2nd and 4th rate.

Timber, scattering cedar.

Undergrowth, oak and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 86.24 chs.

July 28, 1900.

July 30, 1900: At 8th 0^m a. m., l. m. t., we set off 40° 15' N., on the lat. arc; 18° 33' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 5, 6, 31, and 32, on S. bay. of Tp. heretofore described.

Thence we run

N. 0° 04' W., bet. secs. 31 and 32.

Over mountainous land, through dense undergrowth; descend.

Subdivision of T. 6 S. R. 4 E. - Contin

Chains	
15.16	Creek, 3 lbs. wide, 2 in. deep, in bottom of W. Putnam Canon, 300 ft. below cor., course S. 60° E.; ascend.
28.00	Top of ridge, 400 ft. above canon, bears N. 60° W. and S. 60° E.; descend.
37.00	Bottom of canon, 300 ft. below ridge, course S. 60° E.; ascend
41.61	Set a quartzite stone, 16 x 9 x 8 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
58.00	Top of ridge, 500 ft. above canon, bears N. 60° W. and S. 60° E.; descend.
80.00	Set a quartzite stone, 18 x 12 x 12 ins., 12 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, marked with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
	<p>Land, mountainous.</p> <p>Soil, gravelly; 3rd rate</p> <p>No timber</p> <p>Undergrowth, oak, maple, aspen sapplings, herb and rose bush.</p> <p>Good grass for grazing.</p> <p>Mountainous land or land covered with dense undergrowth, 80.00 chs.</p>
	<p>Cont. on a random line bet. sec. 29 and 32.</p>
46.11	Set temp. $\frac{1}{4}$ sec. cor.
50.68	<p>Intersect N. and S. line, 13 lbs. N. of the cor. of secs. 28, 29, 32, and 33.</p> <p>Thence we run</p> <p>N. 89° 54' W., on a true line bet. sec. 29 and 32.</p>
	<p>Over mountainous land, through heavy</p>

Subdivision of T. 6 S., R. 4 E. - Continued

- 27.00 pine and aspen timber ascend.
Top of ridge, 400 ft. above sec. cor., bears N. 10° E. and S.; descend.
- 40.04 Set a sandstone, 15 X 10 X 6 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which
 - A pine, 8 ins. diam., bears N. 23° E., 57 lbs. dist., marked $\frac{1}{4}$ S. 29, B. J.
 - A pine, 6 ins. diam., bears S. 20 lbs. dist., marked $\frac{1}{4}$ S. 32, B. J.
- 42.00 Bottom of cañon, 100 ft. below ridge, course N. 50° E.; ascend.
- 60.50 Top of ridge, 150 ft. above hollow, bears N. 30° E. and S. 30° W.; descend.
- 72.00 Leave timber and enter dense undergrowth bears N. and S.
- 80.08 The cor. of secs. 29, 30, 31, and 32.
Land, mountainous.
Soil, gravelly loam; 2nd rate.
Timber, pine and aspen
Undergrowth, oak, maple and barb.
Good grass for grazing.
Mountainous or heavily timbered land, or land covered with dense undergrowth.

80.08 chs.
July 30, 1900: At the noon hour the sky is overcast and solar observations are impossible.

Knowing from former connections that the line bet. secs. 30 and 31, will not close on the W. bay. of Tp. within line its we run it on a true line bet. secs. 30 and 31.

Over mountainous land, through dense undergrowth and scattering pine

Subdivision of T. 6 S., R. 4 E. — Contin

- Chains timber; descend.
- 18.00 Bottom of cañon, 25 ft. below sec. cor. course N. 60° E.; ascend.
- 46.00 Set a quartzite stone, 16 x 10 x 5 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
- 46.00 Top of ridge, 150 ft. above hollow, bears N. W. and S. E.; descend.
- 67.00 Bottom of hollow, 50 ft. below ridge, course S. 60° E.; ascend.
- 103.52 Intersect W. bdy. of Twp. S. 0° 14' E. 2.80 chs. from cor. of secs. 25 and 26.
 Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for closing cor. of secs. 30 and 31, marked C.C. on E.; with 5 grooves on N. and 1 groove on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.
 Note: We destroy all marks on the cor. of secs. 25, 30, 31, and 36, which pertain to secs. 30 and 31.
 Land, mountainous.
 Soil, gravelly; 3rd rate.
 Timber, scattering pine and aspen.
 Undergrowth, oak, maple, and barb.
 Good grass for grazing.
 Mountainous land, or land covered with dense undergrowth, 113.52 chs.
 July 30, 1900.

July 31, 1900; At 7th 30^m a.m., l.m.f., we set off 40° 16' N., on the last arc; 18° 19' N. on the decl arc; and determine a true meridian with the solar, at the cor. of secs. 29, 30, 31, and 32.

Thence we run

N. 6° 64' W., bet. secs. 29 and 30.

Over mountainous land; through scattering pine and aspen timber; de-

Subdivision of T. 6 S., R. 4 E. - Continued.

ascend.	
7.50	Bottom of cañon, 100 ft. below sec. cor, course N. 80° E.; ascend.
15.00	Enter dense undergrowth, bears E. and W.
33.50	Top of ridge, 600 ft. above cañon, bears S. 80° E. and N. 80° W.; descend abruptly.
40.00	Set a quartzite stone, 16 X 10 X 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor, marked $\frac{1}{4}$ on W. face; from which An aspen, 4 ins. diam., bears S. 80° E., 20 lks. dist., marked $\frac{1}{4}$ S. 29, B. J. An aspen, 6 ins. diam., bears W. 16 lks. dist., marked $\frac{1}{4}$ S. 30, B. J.
44.16	Bottom of cañon, 600 ft. below ridge. course S. 80° E.; ascend.
64.50	Top of ridge, 400 ft. above cañon, bears N. 80° W. and S. 80° E.; descend.
75.00	Bottom of hollow, 200 ft. below ridge, course S. 50° E.; ascend.
80.00	Set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for cor. of secs. 19, 20, 29, and 30, marked with 2 notches on S. and 3 notches on E. edge; from which An aspen, 8 ins. diam., bears N. 60° E., 30 lks. dist., marked T. 6 S., R. 4 E., S. 20, B. J. An aspen, 6 ins. diam., bears S. 10° E., 40 lks. dist., marked T. 6 S., R. 4 E., S. 29, B. J. An aspen, 7 ins. diam., bears S. 30° W., 34 lks. dist., marked T. 6 S., R. 4 E.; S. 30, B. J. An aspen, 6 ins. diam., bears N. 52° W., 52 lks. dist., marked T. 6 S., R. 4 E., S. 19, B. J.

Land, mountainous.

Soil, gravelly loam and rocky; 2nd and 4th rate.

Timber, scattering pine and aspen. Undergrowth, oak and lard.

Good grass for grazing

Subdivision of T. 6 S., R. 4 E. - 6 on 10

Chains	Mountainous land, or land covered with dense undergrowth 80.00 chs.
	S. $89^{\circ} 54' E.$, on a random line bet. sec. 20 and 29.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.14	Intersect N. and S. line, 10 lbs. S. of the cor. of secs. 20, 21, 28, and 29. Thence we run N. $89^{\circ} 58' W.$, on a true line bet. sec. 20 and 29.
19.20	Over mountainous land; through dense undergrowth; descend.
	Bottom of Dry Cañon, 350 ft. below cor., course S. $50^{\circ} E.$; enter heavy aspen timber, bears with cañon; ascend.
40.07	Set a quartzite stone, $18 \times 8 \times 8$ ins., 12 ins., in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; from which An aspen, 8 ins. diam., bears N. $30^{\circ} E.$, 48 lbs. dist., marked $\frac{1}{4}$ S. 20, B. J. An aspen, 8 ins. diam., bears S. $26^{\circ} W.$, 36 lbs. dist., marked $\frac{1}{4}$ S. 29, B. J.
80.14	Top of ridge 200 ft. above cañon, bears N.W. and S.E.; descend The cor. of secs. 19, 20, 29, and 30. Land, no mountains. Soil, gravelly; 2 nd and 3 rd rate. Timber, aspen. Undergrowth, oak. Good grass for grazing. Mountainous or heavily timbered land or land covered with dense undergrowth, 80.14 chs. July 31, 1900: At this cor. we set off $18^{\circ} 16' N.$, on the decl arc; and at 0 ^h 2 ^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ} 16' 30'' N.$

Subdivision of T. 6 S. R. 4 E. — continued

	<p>Note. For reasons already given we run</p> <p>West, on a true line bet. secs. 19 and 30. Over mountainous land, through scattering pine and aspen timber, descend.</p>
22.00	<p>Bottom of head of cañon, 50 ft. below cor., course S. 80° E.; ascend.</p>
30.00	<p>Foot of perpendicular cliff, 20 ft. high, bears N. 20° E. and S. 20° W.</p>
33.00	<p>Top of ridge, 300 ft. above cañon, bears N. 20° E. and S. 20° W.; enter heavy timber; descend abruptly.</p>
40.00	<p>Set a hard sandstone, 18 x 8 x 6 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor.; marked $\frac{1}{4}$ on N. face; from which</p> <p style="padding-left: 40px;">A pine, 8 ins. diam., bears N. 10° E., 12 lbs. dist., marked $\frac{1}{4}$ S. 19, B. J.</p> <p style="padding-left: 40px;">A pine, 48 ins. diam., bears S. 30° E., 32 lbs. dist., marked $\frac{1}{4}$ S. 30, B. J.</p>
3.07	<p>Enter ledges, bears N. E. and S. W.</p>
4.07	<p>Leave ledges, bears N. E. and S. W.; leave timber, bears N. E. and S. W.</p>
5.00	<p>Bottom of cañon, 1000 ft. below ridge, course N. 30° E.; ascend gently.</p>
4.08	<p>Intersect W. bay. of T. p. 5. 50 chs. S. 0° 14' E. of the cor. of secs. 19, 24, 25, and 30, heretofore described.</p> <p>Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 19 and 30, marked C. C. on E., with 4 grooves on N., and 2 grooves on S. face, and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.</p> <p>Note. We destroy all marks on the cor. of secs. 19, 24, 25, and 30, which pertain to secs. 19 and 30.</p> <p>Land, mountainous.</p>

Subdivision of T. 6 S., R. 4 E. - continued

Chains	Soil, gravelly and rocky; 3 rd and 4 th rate Timber, pine and aspen Good grass for grazing. Mountainous or heavily timbered land 104.08 chs. July 31, 1900.
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12.00	August 1, 1900: At 7 ^h 30 ^m a. m., l. myt., we set off 40° 16' N., on the lat arc; 18° 4' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 19, 20, 29, and 36. Thence we run N. 0° 04' W., bet. secs. 19 and 20. Over mountainous land, through scattering pine and aspen timber and undergrowth; ascend.
18.00	Top of spur, 350 ft. above sec. cor., bears E. and W.; descend over ledges.
36.70	Bottom of cañon, 350 ft. below spur, course E.; leave ledges, bears with cañon; ascend.
40.08	Top of divide ridge, bet. Dry Cañon and south fork of Provo Cañon, 400 ft. above cañon, bears E. and W.; descend.
42.00	Set a quartzite stone, 16 x 10 x 6 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; from which A pine, 7 ins. diam., bears N. 34° E., 72 lks. dist., marked $\frac{1}{4}$ S. 20, B. J. A pine, 6 ins. diam., bears N. 30° W., 60 lks. dist., marked $\frac{1}{4}$ S. 19, B. J.
43.50	Descend abruptly over ledges, bears E. and W.
59.50	Leave ledges, bears E. and W.
61.50	Head of hollow, 250 ft. below ridge, course N. 30° E.; ascend.
66.50	Top of ridge, 100 ft. above hollow, bears N.

Subdivision of T. 6 S.; R. 4 E. - continued.

7 chains. 20° E. and S. 20° W.; descend.
 80.00 Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for cor. of secs. 17, 18, 19, and 20, marked with 3 notches on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, gravelly; 3rd rate.
 Timber, pine and aspen.
 Undergrowth, oak.
 Good grass for grazing.
 Mountainous land, 80.00 chs.

S. 89° 58' E., on a random line bet. secs. 17 and 20.
 40.00 Set temp. ¼ sec. cor.
 80.02 Intersect N. and S. line, at the cor. of secs. 16, 17, 20, and 21.
 Thence, we run N. 89° 58' W., on a true line bet. secs. 17 and 20.
 Over mountainous land, through heavy pine and aspen timber; descend.
 9.00 Bottom of cañon, 250 ft. below cor., course N. 30° E.; ascend.
 16.20 Top of ridge, 250 ft. above cañon, bears N. 20° E. and S. 20° W.; leave heavy and enter scattering timber; descend.
 40.01 Set a quartzite stone, 18 x 9 x 8 ins., 12 ins. in the ground, for ¼ sec. cor., marked ¼ on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
 63.00 Bottom of cañon, 300 ft. below ridge course N. 20° E.; ascend.
 72.00 Top of ridge, 300 ft. above cañon; bears

Subdivision of T. 6 S., R. 4 E. - continued

Chains - 80.02	<p>N. 20° E. and S. 20° W.; descend. The cov. of secs. 17, 18, 19, and 20. Land, mountainous. Soil, gravelly; 3rd str. Timber, pine and aspens. Good grass for grazing. Mountainous or heavily timbered land 80.02 chs. August 1, 1910. At the noon hour the sky is overcast and solar ob- servations are impossible.</p>
3.06	<p>Note: For reasons already explain- ed we run West on a true line bet. secs. 18 and 19. Over mountainous land; descend. Bottom of cañon, 500 ft. below cov., course N. 10° E.; ascend.</p>
20.70	<p>Top of ridge, 450 ft. above cañon, bears N. 10° E. and S. 10° W.; enter heavy pine timber, bears with ridge; descend abruptly.</p>
34.50	<p>Leave heavy and enter scattering timber, bears N. and S.</p>
40.00	<p>Point for ¼ sec. cov. falls on stat- ionary ledge, 15 x 12 x 12 ins., above ground, on which We cut a cross (X) at the exact cov. point for ¼ sec. cov., marked ¼ on N. face; from which A pine, 6 ins. diam., bears S., 8 lbs. dist., marked ¼ S. 19, B. J. No other trees within limits; and raise a mound of stone, 2 ft. base 1½ ft. high, N. of cov. Pits impracticable.</p>
55.50	<p>Bottom of cañon, 1200 ft. below ridge course N. 20° E.; ascend.</p>

Subdivision of T. 6. S. R. 4 E. - continued.

chains

100.25

Top of ridge, 1000 ft. above cañon, bears N. E. and S. W.; descend.

104.58

Intersect W. bay. of T_p. 5.57 chs. S. 0° 10' E. of the cor. of secs. 13, 18, 19, and 24, heretofore described.

Set a sandstone, 18 x 10 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 18 and 19, marked C. C. on E., with 3 grooves on N. and S. faces; from which

A pine, 18 ins. diam., bears N. 40° E., 45 lbs. dist., marked T. 6 S., R. 4 E., S. 18, B. 7.

A pine, 4 ins. diam., bears S. 30° E., 15 lbs. dist., marked T. 6 S., R. 4 E., S. 19, B. 7; and

raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Note: we destroy all marks on the cor. of secs. 13, 18, 19, and 24, which pertain to secs 18 and 19.

Land. mountainous.

Soil, gravelly loam and rocky; 2nd and 4th rate.

Timber pine

Good grass for grazing.

Mountainous or heavily timbered land 104.58 chs.

August 1, 1900.

August 2, 1900: At 8^h 0^m a. m., l. m. t., we set off 40° 17' N., on the lat. arc; 17° 48' N., on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 17, 18, 19, and 20.

Thence we run

N. 0° 04' W., bet. secs. 17, and 18

Over mountainous land, through scat.

Subdivision of T. 6 S., R. 4 E. - Contin

Chains	tering aspen timber; descend.
18.00	Bottom of canon, 120 ft. below sec. cor., course N. 20° E.; ascend.
40.00	Set a sandstone, 16 x 12 x 7 ins., 11 ins. in the ground, for 4 sec. cor., marked 4 on W. face; from which An aspen, 6 ins. diam., bears N. 10° E., 16 lbs. dist., marked 4 S. 17, B. 7. An aspen, 7 ins. diam., bears N. 50° W., 38 lbs. dist., marked 4 S. 18, B. 7.
49.20	Top of ridge, 50 ft. above canon, bears N. 30° E. and S. 30° W.; descend.
76.95	Creek, 10 lbs. wide, 6 ins. deep, rapid current, in canon, 150 ft. below ridge, course N. 50° E.; ascend.
80.00	Set a sandstone, 18 x 8 x 5 ins., 12 ins. in the ground, for cor. of secs. 7, 8, 17, and 18, marked with 4 notches on S. and 5 notches on E. edges; from which An aspen, 6 ins. diam., bears N. 26° E. 34 lbs. dist., marked T. 6 S., R. 4 E., S. 8, B. 7. An aspen, 8 ins. diam., bears S. 35° E. 20 lbs. dist., marked T. 6 S., R. 4 E., S. 17, B. 7. An aspen, 5 ins. diam., bears S. 50° W. 30 lbs. dist., marked T. 6 S., R. 4 E., S. 18, B. 7. An aspen, 6 ins. diam., bears N. 42° W. 26 lbs. dist., marked T. 6 S., R. 4 E., S. 7, B. 7.
	Land, mountainous. Soil, gravelly loam and rocky; 2 nd and 4 th rate. Timber, aspen. Good grass for grazing. Mountainous land. 80.00 chs.

Subdivision of T. 6 S., R. 4 E. - Continued.

Chains	S. $89^{\circ} 58' E.$, on a random line bet. secs. 8 and 17.
40.00	Det temp. $\frac{1}{4}$ sec. cor.
79.96	Intersect N. and S. line, 3 lks. N. of cor. of secs. 8, 9, 16, and 17. Thence we run N. $89^{\circ} 57' W.$, on a true line bet. secs. 8 and 17. Over mountainous land: through dense undergrowth: descend.
39.98	Det a limestone, $18 \times 8 \times 6$ ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
54.00	Creek, 5 lks. wide, 5 ins. deep, in bottom of cañon, 1000 ft. below sec. cor., course N. $20^{\circ} W.$; ascend; Enter scattering aspen timber.
63.50	Top of spur, 100 ft. above cañon, bears N. $60^{\circ} E.$ and S. $60^{\circ} W.$; descend.
75.00	Creek, 10 lks. wide, 6 ins. deep, in cañon, 30 ft. below spur, course N. $50^{\circ} E.$, ascend.
79.96	The cor. of secs. 7, 8, 17, and 18. Land, mountainous. Soil, gravelly; 3 rd rate. Timber, scattering aspen. Undergrowth, oak. Good grass for grazing. Mountainous land or land covered with dense undergrowth, 79.96 chs. August 2, 1900: At this cor. we set off $17^{\circ} 45' N.$, on the decl. arc; and at 4 th m p. m. l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ} 18' N.$

Note: For reasons already explained

Subdivision of T. 6 S., R. 4 E. - Contin.

Chains	we run
	West, on a true line bet. secs. 7 and 18. Over mountainous land, through scattering timber; ascend.
6.75	Top of ridge, 100 ft. above sec. cor., bears N. E. and S. W.; descend.
16.50	Bottom of cañon, 300 ft. below ridge, course N. 20° E.; ascend abruptly.
30.00	Leave timber and enter dense under growth; bears N. and S.
40.00	Set a limestone, 18 x 10 x 5 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
45.00	Top of ridge, 800 ft. above in. on, bears N. 20° E. and S. 20° W.; descend.
67.50	Bottom of cañon, 400 ft. below ridge, course N.; ascend.
91.50	Top of ridge, 300 ft. above sec. cor., bears N. and S.; descend.
- 105.14	Intersect W. bdy. of Twp. 7. 85 chs. S. 0° 13' E. of the cor. of secs. 7, 12, 13, and 18, here fore described. Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for closing cor. of secs. 7 and 18; mark Red C. C. on E.; with 2 grooves on N. and 4 grooves on S. faces; from which On aspen, 4 ins. diam., bears N. 30° E., 15 lks. dist., marked T. 6 S., R. 4 E., S. 7, 13, J. On aspen, 4 ins. diam., bears S. 30° E., 12 lks. dist., marked J. 6 S., R. 4 E., S. 18, 13, J.
	Note: We destroy all marks on the cor. of secs. 7, 12, 13, and 18, which per- tain to secs. 7 and 18.
	Land, mountainous
	Soil, gravelly; 3 rd rate.
	Timber, aspen.
	Undergrowth, oak and herb.

Subdivision of T. 6 S., R. 4 E. - continued.

Chains

Good grass for grazing.
 Mountainous land or land covered with dense undergrowth. 105:14
 chs.

August 2, 1900.

August 3, 1900: At 8th 0^{am} a. m., l. m. t., we set off 40° 18' N., on the lat. arc 17° 33' N., on the decl. arc: and determine a true meridian with the solar at the cor. of secs. 7, 8, 17, and 18. Thence we run

N. 0° 04' W., bet. secs. 7 and 8.

Over mountainous land, through scattering timber; ascend.

6.50 Top of ridge, 80 ft. above sec. cor., bears N. E. and S. W.; enter dense undergrowth, bears with ridge; descend.

30.00 Foot of descent, bears N. E. and S. W., enter bottom of cañon

36.45 Drag road, bears N. E. and S. W.

40.00 Set a sandstone, 15 x 10 x 9 ins., 10 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

42.00 Leave cañon bottom, bears N. E. and S. W.; ascend.

63.60 Top of ridge, 300 ft. above cañon, bears E. and W.; descend.

72.60 Foot of descent, bears E. and W.; thence across bench, leave timber.

80.00 Set a quartzite stone, 18 x 8 x 8 ins., 12 ins. in the ground, for cor. of secs. 5, 6, 7, and 8, marked with 5' notches on S., and E. edges; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Subdivision of T. 6 S., R. 4 E. — Contin

Chains	Soil, gravelly loam; 2 nd rate. Timber, aspen. Undergrowth, oak. Good grass for grazing. Mountainous land or land covered with dense undergrowth, 80.00 chs.
	D. 89° 57' E., on a random line bet. sec. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
80.00	Intersect N. and S. line, 5 lks. S. of the cor. of secs. 4, 5, 8, and 9. Thence we run N. 89° 59' W., on a true line bet. secs. 5 and 8. Over mountainous land; through dense undergrowth; descend.
3.45	Bottom of cañon, 100 ft. below sec. cor. course N. 20° W.; ascend.
12.00	Top of ridge, 300 ft. above cañon, bears N. and S.; descend.
27.30	Bottom of hollow, 280 ft. below ridge, course N. 10° W.; ascend.
40.00	Set a sandstone, 18 x 8 x 5 ins., 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pit impracticable.
40.75	Top of ridge, 340 ft. above hollow, bears N. 25° W. and S. 25° E.; descend.
60.05	Creek, 5 lks. wide, 6 ins. deep, in cañon, 400 ft. below ridge, course N. 5° W.; as- cend.
60.35	Road, bears N. 5° W. and S. 5° E.
75:40	Top of ascent, bears N. 5° W. and S. 10° E. thence across bench.
-80.00	The cor. of secs. 5, 6, 7, and 8. Land, mountainous and level. Soil, gravelly loam; 2 nd rate.

Subdivision of T. 6 S., R. 4 E. — continued.

Chains No timber

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth: 80.00 chs.

August 3, 1900: At the noon hour the sky is overcast and solar observations are impossible.

Note: For reasons already explained we run

West, on on a true line bet. sec. 6 and 7.

Over level land; through dense undergrowth.

- 1.50 Leave bench, bears N. and S.; ascend.
- 12.00 Top of ridge, 300 ft. above bench, bears N. 20° E. and S. 20° W.; descend.
- 25.50 Bottom of cañon, 250 ft. below ridge, course N. 20° E.; ascend.
- 33.60 Top of ridge, 400 ft. above cañon, N. 20° E. and S. 20° W.; descend.
- 40.00 Set a quartzite stone, 16 x 8 x 8 ins., 11 ins. in the ground, for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face: from which
- A maple, 4 ins. diam., bears N. 40° E., 38 lks. dist., marked $\frac{1}{4}$ S. 6; B. J.
 - A maple, 4 ins. diam., bears S. 87° E., 40 lks. dist., marked $\frac{1}{4}$ S. 7; B. J.
- 58.50 Bottom of hollow, 250 ft. below ridge course N. 10° W.; ascend. Enter ρ ing aspen timber.
- 60.00 Top of ascent, bears N. and S.; thence across gently rolling mesa.
- 80.00 Leave flat, bears N. 30° E. and S. 30° W.; ascend.
- 84.00 Creek, 10 lks. wide, 3 ins. deep in cañon

Subdivision of T. 6 S., R. 4 E. — cont.

Chains	50 ft. below mesa course N. 30° E.; leave timber ascend.
- 116.00	<p>Intersect W. bdy. of Tp. 8.70 chs. S. 0°23' E. of the cor. of secs. 1, 6, 7 and 12. Set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for closing cor. of secs. 6 and 7, marked C. C. on E.; with 1 groove on N., and 5 grooves on S. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable.</p> <p>Note: We destroy all marks on the cor. of secs. 1, 6, 7, and 12, which pertain to secs. 6 and 7.</p> <p>Land, mountainous and level.</p> <p>Soil, gravelly; 3rd rate.</p> <p>No timber.</p> <p>Undergrowth, oak, maple, and aspen sapplings.</p> <p>Good grass for grazing.</p> <p>Mountainous land or land covered with dense undergrowth, 106.00 chs.</p> <p>August 3, 1900.</p>
4.85	<p>August 4, 1900: At 8th 0^m a. m., l. m. t., we set off 40° 19' N., with the lat. arc; 17° 17' N., on the decl arc; and determine a true meridian with the solar at the cor. of secs. 5, 6, 7, and 8.</p> <p>Thence we run</p> <p>N. 0° 04' W., bet. secs. 5 and 6.</p> <p>Over level land, through dense undergrowth.</p>
12.85	<p>Leave bench, bears N. W. and E.; descend.</p>
13.25	<p>Foot of descent, bears N. W. and S. E.; thence across flat.</p>
13.25	<p>Wagon road, bears N. W. and S. E.</p>

Subdivision of T. 6 S., R. 4 E. - continued

13.60	Fence, bears N. W. and S. E.; leave undergrowth and enter cultivated land bears N. 20° W. and S. 20° E.
16.67	A cabin, said to belong to Dick Farley bears E. 70 lks. dist., stack yard and shed E. of house.
21.15	Leave cultivated land, bears N. 20° E. and S. 20° W.;
21.55	Wagon road, bears N. 20° E. and S. 20° W.; enter dense undergrowth, bears with road; ascend.
33.20	Fence, bears E. and W.
37.90	Intersect boundary of James R. Book's P. S. C., 9.19 chs. W. of angle cor. No. 3. Set a quartzite stone, 18 x 12 x 6 ins., 12 ins. in the ground for closing cor. of secs. 5 and 6, marked C. C. on S., and J. R. H. on N. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Oits impracticable.
40.00	Set a sandstone, 14 x 9 x 5 ins., 9 ins. in the ground, for ¼ sec. cor., marked ¼ on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Oits impracticable.
43.90	Top of ascent, bears N. 40° E. and S. 40° W.; thence across bench.
64.00	Leave bench, bears N. W. and S. E.; descend
69.00	Creek, 15 lks. wide, 6 ins. deep, rapid current, in bottom of south fork of Provo Cañon, course N. W.; ascend.
78.00	Fence, bears N. W. and S. E.
79.05	Wagon road, bears N. W. and S. E.
86.40	Intersect 1 st Standard Parallel South 6.37 chs. W. of the standard ¼ sec. cor., on S. bdy. of sec. 32, which is a blue limestone, 6 x 6 x 6 ins. above ground, firmly set, and marked and witnessed as described by the surveyor general. Set a blue limestone, 18 x 8 x 6 ins., 12 ins. in the ground, for closing cor.

705
795

Subdivision of T. 6 S., R. 4 E. — Continued.

Chains of secs 5 and 6, marked C.C. on S., with 5 grooves on E. and 1 groove on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. of cor. Pts impracticable. Land, mountainous and level. Soil, black loam and gravelly; 1st and 3rd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 78.43 chs. 11 A. M. August 4, 1900.

General Description.

This township is mostly mountainous. The soil, in the bottom of the cañons and where the land is heavily timbered, is generally rich black loam, and will produce excellent crops without irrigation. The soil of the remaining portion of the township is mostly gravelly, 2nd and 3rd rate, is covered with an abundant growth of rich and nutritious grasses; and is very well adapted for grazing.

There is some pine and aspen timber in the western part of the township.

There is no mineral in the township.

The township is well watered by the creek in south fork of Provo Cañon, and its tributaries; and several streams emptying into Hobble Creek Cañon.

There are six private land claims wholly within township, and five partly in the township.

Thomas N. Taylor has a Desert Entry in sec. 7.

There is a cabin in sec. 8, not seen from line; claimant unknown.

Dick Farley has a house in sec. 5, and cultivated land in secs. 5 and 6.

Subdivision of T. 6 S. R. 4 E. - Concluded.

Scott P. Stewart
John R. Stewart
U. S. Deputy Surveyors.

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Boundaries of Joseph R. Curtis' private land claim Tract 2 -

Joseph R. Curtis having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 34 and 35, T. 6 S., R. 4 E., we proceed in accordance with Special Instructions, to establish the boundaries as follows:

Beginning at a point 1.14 chs. S. and 23.83 chs. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35. (as hereafter established and described in the subdivision of T. 6 S., R. 4 E.)

Set a sandstone, 18 x 14 x 5 ins., 12 ins. in the ground, for beginning cor. (of tract 2), marked Beg. cor. 1 J. R. C. on S. W. face; dig pits, 24 x 18 x 12 ins., S. and W. of stone, 3 ft. dist., and raise a mound of earth 2 ft. base, 1 1/2 ft. high, S. W. of cor.

October 2, 1899; At 8th 30^m a. m., l. m. t., we set off 40° 15' N., on the lat. arc; 3° 38' S., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Along fence, through corner impracticable
S. 4° 25' W. 11.60 chs. Set a sandstone, 16 x 14 x 6 ins., 11 ins. in the ground, for angle cor. No. 2, marked L 2 J. R. C., on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Thence along fence

S. 19° 55' W. 16.00 chs. At 11.73 chs. angle cor. No. 3, on Mary E. Whiting's P. L. C. tract as described,

At 16.00 chs. angle cor. No. 2, on Mary E. Whiting's P. L. C. heretofore described, we mark it L 3

Boundary of P. L. C., T 6 S., R 4 E. - continued

Q. R. C., on n. w. face, for angle cor.
No. 3.

Thence

S. 87° 15' W. 17.51 chs. At 8.48 chs. the 2 mile cor. on John
C. Whiting's P. L. C. At 12.40 chs. Set
a sandstone, 24 X 14 X 12 ins., 18 ins. in
the ground, for $\frac{1}{2}$ mile cor. marked
 $\frac{1}{2}$ m. J. R. C., on N. face; and raise
a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high
N. of cor. Pits impracticable.

At 17.51 chs. Set a sandstone, 16 X 12 X 7
ins., 11 ins. in the ground for angle
cor no. 4, marked $\angle 4$ J. R. C. on N.
face; and raise a mound of
stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.

Thence descend from bench.

N. 27° 30' W. 8.10 chs. At 4.00 chs. Bottom of Berry Port Canyon
course S. 20° W.; Leave undergrowth and
enter cultivated land, bears N. 20°
E. and S. 20° W.; ascend. At 8.10 chs.
Set a sandstone, 18 X 12 X 5 ins., 12 ins.
in the ground, for angle cor. No. 5,
marked $\angle 5$ J. R. C. on N. face; and
raise a mound of stone, 2 ft. base,
1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
Fence, bears N. 20° E. and S. 20° W.;
leave cultivated land and enter
dense undergrowth, bears N. 20° E.
and S. 20° W. Thence

N. 25° 26.79 chs. At 0.26 chs. road bears N. 20° E. S. 20° W. At 0.50
chs. ditch, 3 lbs. wide, course S. 20° W.
At 18.84 chs. Begs. cor. on Moroni Miner's
and 7 cor. No. 4 on John C. Whiting's P. L. C. At 26.79 chs. Set
a hard sandstone, 18 X 12 X 10 ins.,
12 ins. in the ground, for 1 mile
cor., marked 1 m. J. R. C. on N. face;
and raise a mound of stone, 2
ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits im-
practicable.

Land, mountainous and level.

Boundary of P. L. C., T. 6 S., R. 4 E. - continued.

Soil, black loam and gravelly; 1st and 2nd rate.

No timber.

Undergrowth, oak, sage and maple.

Good grass for grazing.

Mountainous land or land with dense undergrowth, 75.90 chs.

October 2, 1899: At this cor. we set off $3^{\circ} 42' S.$, on the decl. arc; and at 0^h 3^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ} 15' N.$

Thence

Over mountainous land, through dense undergrowth; ascend.

West 17.63 chs. At 3.05 chs. Top of ascent, bears N.

$70^{\circ} W.$ and $S. 70^{\circ} E.$ thence across bench

At 12.05 chs. 2 mile cor. on moroni miners P. L. C.

At 17.63 chs. Set a quartzite stone,

$18 \times 12 \times 10$ ins., 12 ins. in the ground

for angle cor. No. 6, marked $\angle 6$ J.

N. E. on N. E. face; and raise a

mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.

high, N. E. of cor. Pits impracticable.

Thence

North 20.29 chs. Set a quartzite stone, 16×10

$\times 8$ ins., 11 ins. in the ground,

for angle cor. No. 7, marked $\angle 7$

J. N. E. on S. E. face; and raise

a mound of stone, 2 ft. base, $1\frac{1}{2}$

ft. high, S. E. of cor. Pits im-

practicable.

Thence

East 42.08 chs. At 2.08 chs. Set a quartzite sto

$15 \times 9 \times 8$ ins., 10 ins. in the ground

for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ M. J.

N. E. on S. face; and raise a

mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.

high, S. of cor. Pile's impracticable.
 At 5.00 chs. Leave bench and descend to
 N. W. and S. E. At 42.08 chs. Set a quartz
 gite stone, 20 x 12 x 10 ins., 15 ins. in the
 ground, for 2 mile cor., marked 2 m.
 J. H. C. on S. face; and raise a mound
 of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pile
 impracticable.

Land, mountains and level.
 Soil, gravelly loam; 2nd rate.
 No timber.

Undergrowth, oak and maple.

Good grass for grazing.

- Mountains land, or land covered
 with dense undergrowth 20.00 chs.

Thence

Over mountains land, through dense
 undergrowth; ascend.

East 29.95 chs. At 7.12 chs. Creek, 6 lbs. wide, 3 ins.
 deep, in bottom of Berry Pot
 Cañon, 300 ft. below 2 mile course
 S. W.; ascend. At 8.75 chs. Top of as-
 cent, bears N. and S., thence across bench.
 At 22.75 chs. wash, 10 lbs. wide, come
 S. 65° W. At 29.95 chs. the beginning
 cor. of Joseph H. Curtis' private land
 claim Tract 2

Land mountains and level.

Soil, gravelly loam and black loam; 1st
 and 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountains land, or land covered
 with dense undergrowth: 29.95 chs

October 2, 1899.

Boundary of P. L. C. T. 6 D., R. 4 E. - 6000

General Description.

Joseph H. Curtis' private land claim tract 2, is located in secs. 34 and 35, T. 6 D., R. 4 E., and lies in Berry Port Cañon and on the benches on both sides of it.

About 15 acres of the claim is cultivated as a farm and garden and is irrigated from creek in Berry Port Cañon, the remainder of the claim is used as a pasture.

Total area of claim, 157.34 Acres.

Latitudes, Departures and closing errors

Course	Dist.	Latitudes		Departures	
		N. -- chs	S. chs	E. -- chs	W. -- chs
S. 42° 25' W.	11.60		11.57		.89
S. 19° 55' W.	16.00		15.04		5.45
S. 87° 15' W.	17.51		84		17.49
N. 27° 50' W.	8.10	7.16			3.78
West	44.42				44.42
North	20.29	20.29			
East	72.03			72.03	
Totals		27.45	27.45	72.03	72.03

Boundary of P. L. C. T. 6 W., R. 4 E. - Contd.

Boundaries of Aaron Johnson's private land claim (Tract 2)

Aaron Johnson having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 33 and 34, T. 6 W., R. 4 E.; we proceed in accordance with special instructions to establish the boundaries as follows;

Beginning at angle cor. No. 3, on Army E. Whiting's P. L. C., heretofore described which is 16.26 chs. N. and 14.13 chs. E. of the cor. of sec. 2, 34, and 35; a 2^d bay. of T. 6 W., R. 4 E. (as hereafter established and described in the N. bay. of T. 7 W., R. 4 E.); we start at Bay Cor. 1 A. J. on N. E. face for beginning cor. on Aaron Johnson's private land claim, tract 2.

October 3, 1897: At 8th o'm a.m., i.m.t., we set off 4° 0' S. on the decl. arc; 46° 15' N. on the lat. arc; and determine a true meridian with the azimuth the above described cor.

Thence we run

Along fence, through dense undergrowth.

N. 19° 35' E. 11.73 chs. to angle cor. No. 2 on Joseph B. Curtis' P. L. C. Tract 2, heretofore described, we mark at 2 A. J. on E. face, for angle cor. No. 2.

Thence along fence

N. 4° 25' E. 6.70 chs. Set a quartzite, 18 x 10 x 11 ins., 12 ins., in the ground, for angle cor. No. 3, marked 3 A. J. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

Thence leave fence

East 11.30 chs. Set a quartzite stone, 18 x 11 x 8 ins., 12 ins. in the ground, for

Boundary of P. L. C., T. 6 S., R. 4 E. - continued

angle cor. no. 4, marked $\angle 4$ A. J. on S. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Pits impracticable

Thence

S. 77° 15' E 40.00 chs. At 0.02 chs. water ditch, 3 lks. wide, course S. W. At 10.27 chs. set a quartzite stone, 16 x 10 x 8 ins., 11 ins. in the ground, for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ m. A. J. on S. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. of cor. Pits impracticable. At 20.00 chs. water ditch, 4 lks. wide, course S. W. At 22.00 chs. leave bench and descend bears N. E. and S. W. At 27.00 chs. Foot of descent, bears N. E. and S. W.; enter bottom of Hobble Creek Cañon; enter heavy cotton wood and aspen timber. At 29.00 chs. road in cañon, bears N. E. and S. W. At 30.00 chs. Hobble Creek, 15 lks. wide, 6 ins. deep, rapid current, road, bottom, in bottom of Hobble Creek Cañon 200 ft. below bench, course S. W. At 31.00 chs. leave cañon bottom and timber, bears N. E. and S. W.; ascend. At 33.25 chs. water ditch, 4 lks. wide, course S. W. At 40.00 chs. set a quartzite stone, 16 x 9 x 9 ins., 11 ins. in the ground, for angle cor. No. 5, marked $\angle 5$ A. J. on S. W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. W. of cor. Pits impracticable.

Thence ascend

East 10.27 chs. set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for 1 mile cor., marked 1 m. A. J. on S. face

and raise a mound of stone
2 ft. base, 1½ ft. high, S. of cor. Pits
impracticable.

Land, mountainous and level.

Soil, black loam and gravelly loam; 1st
and 2nd rate.

Timber, cottonwood and aspen.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with
dense undergrowth, 80.00 chs.

October 3, 1899; At the noon hour the
sky is overcast and solar observations
are impossible.

Thence over mountainous land, through
dense undergrowth; ascend.

East 8.63 chs. Set a sandstone, 15 x 10 x 5 ins.,
10 ins. in the ground for angle
cor. No. 6, marked L 6 A. J. on S.
W. face; and raise a mound of
stone, 2 ft. base, 1½ ft. high, S.W.
of cor. Pits impracticable.

Thence

S. 1°54' W. 21.14 chs. Set a sandstone, 16 x 9 x 6 ins.,
11 ins. in the ground, for angle
cor. No. 7, marked L 7 A. J. on N.W.
face; and raise a mound of stone,
2 ft. base, 1½ ft. high, N. W. of cor.
Pits impracticable.

Thence ascend.

West 18.90 chs. At 10.23 chs. Set a sandstone,
15 x 10 x 8 ins., 10 ins. in the ground
for ½ mile cor., marked ½ m. A. J.
on N. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high,
N. of cor. Pits impracticable.
At 18.90 chs. angle cor. No. 4 on
Mary E. Whiting's P. L. C. hereto.

Boundary of P. L. C. T. B. S., R. 4 E. - Continued

fore described, we mark it 2 E.
A. J. on N. face. for angle cov.
No. 8.

Thence

N. 77° 15' W.

31.33 chs. At 16.04 chs. water ditch, 4 lks.
wide, course S. 10° W. At 22.94 chs.
enter heavy cottonwood timber,
bears N. E. and S. W. At 23.69
chs. road, bears N. E. and S. W. At
24.79 chs. Hobble Creek, 20 lks. wide,
6 ins. deep, rapid current, rocky
bottom, in Hobble Creek Cañon,
course S. W.: ascend. At 26.69 chs.
leave timber, bears N. E. and S. W.
At 31.33 chs. set a sand stone,
20 x 8 x 6 ins., 15 ins. in the ground,
for 2 mile cov., marked 2 M. A. J.
on N. face, and raise a mound
of stone, 2 ft. base, 1 1/2 ft. high, N.
of cov. Pits impracticable.

Land, mountainous

Soil, gravelly loam; 2nd grade.

Timber, cottonwood.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land or heavily tim-
bered land, or land covered with
dense undergrowth, 80.00 chs.

Thence over mountainous land, through
dense undergrowth; ascend.

N. 77° 15' W.

24.17 chs. At 1.26 chs. Top of ascent, bears
N. E. and S. W. thence across
benches. At 2.31 chs. 1 mile cov. on
Mary E. W. strip; P. L. C. At
3.62 chs. wire fence, bears N. and S.
At 13.97 chs. water ditch, 3 lks. wide,
course S. At 21.47 chs. leave under-
growth and enter cultivated land,

Boundary of P. L. C. T. 6 S., R. 4 E. - conti

167
330

bears N. and S. At 24.17 chs. the beginning cor. of claim.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

Timber, cottonwood.

Undergrowth, oak.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 20.47 chs.

October 3, 1899.

General Description.

Aaron Johnson's private land claim tract is located in secs. 2 and 3 T. 7 S., R. 4 E. and tract 2 in secs. 35 and 36, T. 6 S., R. 4 E., and lies in Hobble Creek Cañon.

About 20 acres of the claim is cultivated as a farm and garden, and is irrigated from Hobble Creek; the remainder of the claim is used as a pasture.

Claimant's house is situated near the center of the claim (tract 1)

Total area of "tract 2" 148.04 Acres.

Latitudes Departures and closing errors.

Course	Dist.	Latitudes		Departures	
		N. - chs	S. - chs	E. - chs	W. chs
N. 19° 55' E.	11.73	11.03	✓	4.00	✓
N. 4° 25' E.	6.70	6.68	✓	.52	
East	11.30			11.30	✓
S. 77° 15' E.	10.07		8.83	39.01	✓
East	18.90			18.90	
S. 1° 54' W.	21.14		21.13		.70
West	18.90				18.90
N. 77° 15' W.	55.50	12.25	✓		54.13
Totals		29.96	29.96	73.73	73.73

Boundary of Frederick W. Whiting's private land claim.

Frederick W. Whiting having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 35, T. 6 S., R. 4 E.; we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

Beginning at angle cor. No. 4, on Aaron Johnson's P. L. C. (tract 2) heretofore described, which is 6.03 chs. S. and 35.51 chs. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, T. 6 S., R. 4 E. (as hereafter established and described in subdivision of T. 6 S., R. 4 E.); we mark it Beg. Cor. 1 F. W. W. on N. E. face, for beginning cor. of Frederick W. Whiting's private land claim.

October 4, 1899: At 8^h 55^m a. m., l. m. t., we set off $40^{\circ} 15'$ N., on the lat. arc; $4^{\circ} 25'$ S., on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over level bench, through dense undergrowth.

40.37 chs. At 2.00 chs. reservoir dam, on line

At 9.00 chs. water ditch, 3 lbs. wide; course S. E. At 12.00 chs. leave bench bears E. and W.; ascend mountain.

At 15.00 chs. top of spur, 20 ft. above bench, bears N. E. and S. W.; ascend gradually.

At 40.00 chs. set a sandstone, 18 X 8 X 5 ins., 12 ins. in the ground, for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ m. F. W. W. on E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Pits impracticable.

At 40.37 chs. set a quartzite stone, 18 X 12 X 8 ins., 12 ins. in the ground,

N. 20° 45' E.

Boundary of P. S. E., T. 6 S., R. 4 E. - Contin

for angle cor. No. 2. marked \angle 2 T. W. W. on S. E. face; dig pits, $24 \times 18 \times 12$ ins., S. and E. of stone, 3 ft. dist.; and raise a mound of earth, 4 ft. base, 2 ft. high, S. E. of cor. Pits impracticable.

Thence ascend.

S. $77^{\circ} 15' E$ 30.50 chs. At 10.00 chs. top of ridge, 200 ft. above cor., bears N. E. and S. W.; ascend. At 30.50 chs. set a hard sandstone, $20 \times 10 \times 6$ ins., 15 ins. in the ground, for angle cor. No. 3, marked \angle 3 T. W. W. on S. W. face, and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. W. of cor. Pits impracticable.

Thence

S. $7^{\circ} 11' W$ 9.13 chs. At 3.50 chs. wood road in Packard Cañon bears N. $30^{\circ} E$ and S. $30^{\circ} W$. At 7.50 chs. cut 5 lks. wide, 1 in. deep, in Packard Cañon 200 ft. below ridge, course S. $30^{\circ} W$; ascend. At 9.13 chs. set a sandstone $15 \times 10 \times 5$ ins., 10 ins. in the ground for 1 mile cor., marked 1 m. T. W. W. on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth oak and maple.

Good grass for grazing.

No mountainous land, or land covered with dense undergrowth, 80.00 chs.

October 4, 1899: At this cor. we set off $4^{\circ} 28' S$, on the decl. arc; and at 0th 4th p. m., l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ} 15'$

Boundary of P. L. C., T. 6 S., R. 4 E. - Continued.

Thence

Over mountainous land: Through dense undergrowth; ascend.

S. 7° 11' W.

31.03 chs. At 10.00 chs. Top of ridge, 250 ft. above cañon, bears N. E. and S. W.; ascend. At 26.00 chs. Hobble Creek, 20 lks. wide, 5 ins. deep, rapid current, in Hobble Creek Cañon 300 ft. below ridge, course S. 65° W.; ascend. At 27.50 chs. road in cañon, bears N. 65° E. and S. 65° W. At 28.50 chs. water ditch, 4 lks. wide, course S. 50° W. At 31.03 chs. angle cor. No. 5 on Aaron Johnson's P. L. C. (Tract 2) heretofore described, we mark it L 4 F. W. W. on N. W. face, for angle cor. No. 4.

Thence descend.

N. 77° 15' W.

40.00 chs. At 6.75 chs. water ditch, 4 lks. wide, course S. W. At 8.97 chs. Settable stone, 15" x 10" x 6 ins., 16 ins., in the ground, for 1 1/2 mile cor. mark set S. W. T. W. W. on N. face, and runs a mound of stone 3 ft. base, 1 1/2 ft. height N. of cor. It is impracticable. At 9.00 chs. Foot of descent, enter heavy cottonwood and aspen timber, bears N. E. and S. W. At 10.00 chs. Hobble Creek, 15 lks. wide, 6 ins. deep, rapid current; rocky bottom, in bottom of Hobble Creek Cañon, 250 ft. below cor. course S. W. At 11.00 chs. road in cañon, bears N. E. and S. W. At 13.00 chs. leave timber and begin ascent. bears N. E. and S. W. At 18.00 chs. top of ascent, bears N. E. and S. W. thence across bench. At 20.00 chs. water ditch, 4 lks. wide, course S. W. At 29.73 chs. 1/2 mile cor. on Aaron Johnson's P. L. C. At 39.98

Boundary of P. L. C. T. 6 S. R. 4 E - 60

chs. water ditch, 4 lks. wide, course S. W. At 40.00 chs. the beginning cor. of Frederick W. Whitings private land claim.

October 4. 1899:

General Description

Frederick W. Whitings P. L. C., is situated in sec. 35. T. 6 S. R. 4 E.; and lies mostly on the bench W. of Hobble Creek Cañon. Claimant's house was not seen from line. The claim is used as a pasture. Total area of claim 140.91 acres.

Latitudes Departures and closing errors

Course	Dist.	Latitudes		Departures	
		N. - chs.	S. - chs.	E. - chs.	W. - chs.
N. 20° 45' E	40.37	37.75 ✓		14.30 ✓	
S. 17° 15' E	30.50		6.73 ✓	29.75 ✓	
S. 7° 11' W	40.16		39.85 ✓		5.02 ✓
N. 77° 15' W	40.00	8.83 ✓			39.01 ✓
Totals		46.58	46.58	44.05	44.03

Boundary of P. L. C. T. 6 D., R. 4 E. - Continued.

Boundary of A. Wayne Johnson's private land claim.

A. Wayne Johnson having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec 35, T. 6 D., R. 4 E.; we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

At a point 3.01 chs. S. and 11.02 chs. E. of the $\frac{1}{4}$ sec cor. bet. secs. 26 and 35, T. 6 D., R. 4 E. (as hereafter established and described in the subdivision of T. 6 D., R. 4 E.) Set a sandstone, 20 X 10 X 8 ins, 15 ins. in the ground, for beginning cor., marked Beg. Cor. 1 A. W. J. on S.W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. W. of cor. Pits. impracticable.

October 5, 1879: At 8^h 30^m a.m., l. m. t., we set off 40° 15' N., on the left arc 4° 47' S., on the decl. arc; and determine a true meridian with the solar at the above described cor. Thence we run

Over mountainous land through dense undergrowth; descend.

20' 45" W. 46.00 chs. At 3.10 chs. bottom of hollow 25 ft. below cor., course S. W.; ascend gradually.

At 5.63 chs. angle cor. No. 2 on Fredrick W. Whitings P. L. C. At 6.00 chs. $\frac{1}{2}$ mile cor. on Fredrick W. Whitings P. L. C. At 81.00 chs. Top of spur, bears N. E. and S. W.; descend. At 34.00 chs. foot of descent, bears E. and W.; thence across bench. At 37.00 chs. water ditch, 3 lbs. wide, course S. E. At 40.00 chs. set a sandstone, 24 X 8 X 8 ins., 18 ins

Boundary of P. L. C. T. 6 S., R. 4 E. - C

in the ground, for $\frac{1}{2}$ mile cor. marked $\frac{1}{2}$ m. A. W. J. on W. face, and raise a mound of stones 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

At 44.00 chs. reservoir dam, on line. At 46.00 chs. beginning cor. on Frederick W. Whiting's P. L. C. and angle cor. No. 4. on Aaron Johnson's P. L. C. (Tract 2) heretofore described, we mark it $\angle 2$ A. W. J. on n. w. face, for angle cor. No. 2.

Thence

West 11.30 chs. to angle cor. No. 3 on Aaron Johnson's P. L. C. (Tract 2), heretofore described, we mark it $\angle 3$ A. W. J. on n. E. face, for angle cor. No. 3. Fence, bears N. $4^{\circ} 25'$ E. and S. $4^{\circ} 25'$ W.

Thence

N. $4^{\circ} 25'$ E. 4.90 chs. to beginning cor. on Joseph H. Curtis' P. L. C., heretofore described, we mark it $\angle 4$ A. W. J. on n. E. face, for angle cor. No. 4. From this cor. claimant's house bears N. E. about 4.00 chs. dist.

Thence

West 17.80 chs. At 7.20 chs. wash, 10 lbs. wide course S. 65° W. At 17.80 chs. set a sandstone, $18 \times 14 \times 4$ ins., 12 ins. in the ground, for 1 mile cor., marked 1 m. A. W. J. on n. face, and raise a mound of stones 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly, 1st and 3rd rate.

No timber.

Boundary of P. L. C. T. 6 S., R 4 E. - Continued.

Undergrowth, oak

Good grass for grazing

Mountainous land or land covered with dense undergrowth, 80.00 chs.

October 5, 1899: At this cor. we set off $4^{\circ} 51' S.$, on the decl. arc; and at $0^{\text{th}} 4^{\text{m}} p. m.$, l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ} 15' N.$

Thence

Over level bench, through dense undergrowth.

West 4.20 chs. At 3.39 chs. leave bench and descend, bears N. and S. At 4.20 chs. Set a quartzite stone $20 \times 9 \times 8$ ins., 15 ins. in the ground, for angle cor. No 5. marked $\frac{1}{2} 5$ a. w. f. on N. E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. E. of cor. Pits impracticable.

Thence

Ascend.

North 13.00 chs. Set a quartzite stone, $22 \times 10 \times 8$ ins., 16 ins. in the ground for angle cor. No. 6, marked $\frac{1}{2} 6$ a. w. f. on E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Pits impracticable

Thence

N. $13^{\circ} 40' E.$ 25.85 chs. At 22.80 chs. Set a sandstone, $18 \times 8 \times 6$ ins., 12 ins. in the ground, for $1\frac{1}{2}$ mile cor., marked $\frac{1}{2} M.$ a. w. f. on E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Pits impracticable. At 25.85 chs.

Boundary of P. L. C. T. & D. R. H. E. Co.

Set a limestone, 18 x 12 x 8 ins., 12 ins. in the ground, for angle cor. No. 7, marked 7 a. w. q. on S. E. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high S. E. of cor. Pits impracticable.

Thence

Ascend

East 36.95 chs. At 32.10 chs. top of ridge, 300 ft. above cor., bears N. E. and S. W. descend. At 36.95 chs. Set a sandstone, 26 x 10 x 8 ins., 18 ins. in the ground for 2 mile cor., marked 2 m. a. w. q. on S. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.

Land, mountainous and level.

Soil, gravelly loam, 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence

East 6.25 chs. to beginning cor. of claim.

Land, mountainous

Soil, gravelly loam, 2nd rate.

No timber.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 6.25 chs.

October 5, 1899.

Boundary of P. L. C. T. 6 S. R. 4 E. - Continued

General Description

A. Wayne Johnson's private land claim, is situated in sec. 35 T. 6 S., R. 4 E.; and lies bet. Berry Port and Packard cañons.

The claim is used as a pasture for stock.

Claimant's house is located near the southern part of claim.

Total area of claim, 158.31 acres.

Course	Dist.	Lit			
		N. - chs	S. - chs	E. - chs.	W. - chs.
S. 20° 45' W.	46.00		43.02		16.90
West	11.30				11.30
N. 4° 25' E.	4.90	4.89		.38	
West	22.00				22.00
North	13.00	13.00			
N. 13° 40' E.	25.85	25.12		6.11	
East	43.20			43.20	
Totals		43.01'	43.02'	49.66'	49.60'

Boundaries of A. Milton Curtis' private land claim.

A. Milton Curtis having duly presented his claim and proofs of 20 years adverse possession, of a tract of land in secs 26, 27, 34 and 35, T. 6 D., R. 4 E.; we proceed in accordance with Special Instructions to establish the boundaries as follows: Beginning at angle cor. No. 5 on A. Wayne Johnson's P. L. C., heretofore described, which is 1.14 chs. S. and 1.83 chs. E. of the $\frac{1}{4}$ sec. cor. bet. secs. 34 and 35, T. 6 D., R. 4 E. (as hereafter established and described in the subdivision of T. 6 D., R. 4 E.) we mark it Beg. Cor. 1 A. M. C. on N. W. face, for beginning cor.

October 6, 1899: At 8^h 30^m a. m., l. m. t., we set off $40^{\circ} 15' N.$, on the lat. arc; $5^{\circ} 10' S.$, on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over mountainous land, through dense undergrowth ascend.

West 2000 chs. At 9.83 chs. creek, 6 lks. wide, 3 ms. deep, in bottom of Berry Port Cañon, 25 ft. below cor., course S. W.; ascend. At 7.95 chs. 2 mile cor. on Joseph H. Curtis' P. L. C., At 20.00 chs. set a quartzite stone, 20 x 12 x 8 ins., 15 ins. in the ground, for angle cor. No. 2, marked L 2 A. M. C. on N. E. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. E. of cor. Pitts impracticable.

Thence

Ascend

North 13.00 chs. At 12.50 chs. bottom of hollow, 100 ft. below cor., course S. 60° E. ascend. At 13.00 set a sandstone

Boundary of P. L. C. T. 6 S., R. 4 E. - Continued.

20 X 12 X 10 ins., 15 ins. in the ground
for angle cor. No. 3, marked $\angle 3$.
A. M. C. on E. face; and raise
a mound of stone, 2 ft. base, 1½
ft. high, E. of cor. Pits impractica-
ble.

Thence

N. 13° 40' E. 27.00 chs. At 7.00 chs. set a sandstone,
20 X 12 X 10 ins., 15 ins. in the ground,
for ½ mile cor., marked ½ M. A. M. C.
on E. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high, E.
of cor. Pits impracticable. At
27.00 chs. set a sandstone, 14 X 12
X 10 ins., 9 ins. in the ground,
for angle cor. No. 4, marked $\angle 4$
A. M. C. on E. face; and raise
a mound of stone, 2 ft. base, 1½
ft. high, E. of cor. Pits imprac-
ticable.

Thence

North 20.00 chs. At 8.00 chs. top of ridge, bears
N. W. and S. E.; ascend. At 17.50
chs. bottom of hollow, 100 ft below
ridge, course S. E.; ascend. At
20.00 chs. set a quartzite stone,
18 X 10 X 8 ins., 12 ins. in the ground,
for 1 mile cor., marked 1 M. A. M.
C. on E. face; and raise a mound
of stone, 2 ft. base, 1½ ft. high, E.
of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly; 3rd rate.

No. timber.

Undergrowth, oak.

Good grass for grazing.

Mountainous land or land cov-
ered with dense undergrowth.

80.00 chs.

October 6, 1899: At the noon hour
the sky is overcast and solar ob-

Boundary of O. L. C. T. 6 S. R. 4 E. - con

servations are impossible.

Thence

Along E. face of mountain.

North 20.00 chs. At 9.00 chs. top of ridge, 200 ft. above canon bears N. 20° W. and S. 20° E.; descend. Set a quartzite stone, $18 \times 10 \times 8$ ins., 12 ins. in the ground, for angle cor No. 5; marked $\angle 5$ A. M. C. on S. E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. E. of cor. Pits in - practicable.

Thence

East 20.00 chs. At 10.90 chs. bottom of hollow 200 ft. below cor, course S.; ascend. At 12.50 chs. top of spur, 30 ft. above hollow, bears N. and S.; descend. At 14.65 chs. creek, 4 lks. wide, 2 ins. deep, in bottom of Berry Port Canon, 40 ft. below spur course. S. 10° W.; ascend. At 20.00 chs. Set a quartzite stone, $18 \times 10 \times 10$ ins., 12 ins. in the ground, for angle cor. No. 6, and $\frac{1}{2}$ mile cor., marked $\angle 6, \frac{1}{2}$ m. A. M. C. on S. W. face; dig pits, $24 \times 18 \times 12$ ins., W. and S. of stone. 3 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, S. W. of cor.

Thence ascend.

South 40.00 chs. At 2.00 chs. top of ascent, bears N. E. and S. W.; thence across bench. At 20.00 chs. leave bench, bears N. E. and S. W.; descend. At 25.40 chs. creek, 3 lks. wide, 1 ins. deep, in hollow, 100 ft. below bench, course S. W.; ascend. At 40.00 chs. set a quartzite stone, $18 \times 12 \times 6$ ins.,

Boundary of P. L. C. T. 6 S., R. 4 E. - continued.

12 ins. in the ground, for angle cor. No. 7, and 2 mile cor. marked $\angle 7, 2 m. A. M. E.$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

- Good grass for grazing.

Mountainous land or land covered with dense undergrowth. 80.00 chs.

Thence

S. 13° 40' W 27.00 chs. At 1.15 chs. angle cor. No. 7 on A. Wayne Johnson's P. L. C. At 4.20 chs. $1\frac{1}{2}$ mile cor. on A. Wayne Johnson's P. L. C. At 18.00 chs. the S. E. cor. of cultivated field of about 2 acres, bears W. 50 lbs. dist. At 18.50 chs. claimant's house bears W. 50 lbs. dist. At 27.00 chs. angle cor. No. 6, on A. Wayne Johnson's P. L. C., heretofore described, we mark it $\angle 8 A. M. E.$ on W. face, for angle cor No. 8

Thence

South 13.00 chs. to beginning cor. of claim, which is $2\frac{1}{2}$ mile cor., we mark it $\frac{1}{2} m. A. M. E.$ on N. W. face.

Land, mountainous

Soil; gravelly loam; 2nd rate.

No timber

Undergrowth, oak.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth 40.00 chs.

October 6, 1899.

Boundary of P. L. C. T. 6 S., R. 4 E. -

General Description.

O. Milton Curtis' private land claim is located in Berry Port Cañon, in secs. 26, 27, 34, and 35, T. 6 S., R. 4 E.

About 14 acres of the claim is cultivated as farm and garden, and is irrigated from Creek in Berry Port Cañon; the remainder of the claim is used as a pasture.

Claimant's house is located in the eastern part of the claim.

Total area of claim 158.48 acres.

Latitudes Departures and closing errors

Course	Dist.	Latitudes		Departures	
		N. - chs	S. - chs	E. - chs.	W. - chs.
West	20.00				20.00
North	13.00	13.00			
N. 13° 40' E.	27.00	26.24		6.38	
North	40.00	40.00			
East	20.00			20.00	
South	40.00		40.00		
S. 13° 40' W.	27.00		26.24		6.38
South	13.00		13.00		
Total		79.24	79.24	26.38	26.38

Boundaries of James R. Hooks' - private land claim.

James R. Hooks having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 5 and 6 in T. 6 S., R. 4 E., we proceed in accordance with Special Instructions to establish the boundaries as follows:

At a point 5.63 chs. East of the Standard cor. of secs. 31 and 32, on S. bay of T. 5 S., R. 4 E., which is a cobble stone, 6 X 16 X 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general. Set a quartzite stone, 18 X 13 X 6 ins., 12 ins. in the ground, for beginning cor., marked Bsq. Cor. 1 J. R. H. on S. E. face, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. E. of cor. Pits impracticable.

July 3, 1900: At 7th 3rd a. m., l. m. t., we set off 40° 20' N., on the lat. arc; 23° 0' N., on the decl. arc; and determine a true meridian with the solar, at the above described cor.

Thence we run

Over mountainous land; through dense undergrowth; ascend.

36.50 chs. At 240 chs. creek, 20 lbs. wide 6 ins. deep, in cañon, course N. 20° E. At 5.00 chs. road, bears N. 32° E. and S. 32° W. At 5.15 chs. fence, bears N. 32° E. and S. 32° W.; ascend. At 7.35 chs. top of spur, 20 ft. above cañon, bears N. W. and S. E.; descend. At 8.50 chs. foot of descent, bears N. W. and S. E.; leave undergrowth; enter cultivated land. At 12.25 chs. creek, 15 lbs. wide, in South fork of Provo Cañon,

East

Boundary of P. L. C. T. 6 S. R. 4 E.

course N. W., leave cultivated land and enter dense undergrowth; ascend. At 13.00 chs. road bears N. W. and S. E. At 33.00 chs. top of ridge, 200 ft. above cañon, bears N. and S.; descend. At 33.63 chs. the standard $\frac{1}{4}$ sec. cor. on S. bay. sec. 32. At 36.50 chs. set a quartzite stone, 18 x 12 x 6 ins., 12 ins. in the ground, for angle cor. no. 2, marked L 2 J. R. H. on S. W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. W. of cor. Pits impracticable.

Thence

South 43.50 chs. At 3.50 chs. set a quartzite stone, 36 x 8 x 7 ins., 24 ins. in the ground, for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ m. J. R. H. on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. At 4.50 chs. bottom of hollow, 60 ft. below angle cor., course S. 20° W. At 9.50 chs. claimant's house bears W. about 10.00 chs. dist., At 16.00 chs. road in cañon bears N. W. and S. 20° E. At 17.50 chs. creek, 10 lbs. wide, 6 ins. deep, rapid current, rocky bottom, in south fork of Provo Cañon; course N. 80° W. At 18.10 chs. fence bears N. W. and S. 10° E.; leave undergrowth and enter cultivated land. At 19.00 chs. leave cultivated land, bears E. and W., enter dense sage brush. At 21.50 chs. begin ascent of mountain, bears E. and W. At 28.50 chs. top of spur, 30 ft. above cañon, bears E. and W.; descend. At 33.50 chs. the N. E. cor. of a lucern field

Claimant's house bears S. 55° W. about 13.00 chains dist.

Boundary of P. L. C. T. 6 S., R. 4 E. - Continued.

bears W. 2.00 chs. dist. At 43.50 chs. set a sandstone, 18x12x7 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. J. R. H. on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

Land, mountainous and level.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber

Undergrowth oak and sage.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 73.35 chs.

July 3, 1900: At the noon hour the sky is overcast and solar observations are impossible.

Thence

Over mountainous land, through dense undergrowth; ascend.

South

5.00 chs. At 2.15 chs. fence, bears N. 10° E. and S. W. At 2.50 chs. creek, 5 lbs. wide, 3 ins. deep, rapid current, in cañon, course N. 20° E.; ascend. At 3.50 chs. road in cañon, bears N. 20° E. and S. 20° W. At 5.00 chs. set a cobble stone, 18x10x6 ins., 12 ins. in the ground, for angle cor. No 3. marked L 3 J. R. H. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence

West

26.50 chs. At 1.00 ch. road, bears N. 20° E. and S. 20° W. At 1.50 chs. creek, 10 lbs. wide, 3 ins. deep, in cañon, course N. 20° E.; as -

Boundary of P. L. C. T. 6 D., R. 4. E. - Cont.

end. At 2.50 chs. fence bears N. 20° E. and S. 20° W. At 12.00 chs. top of ascent, 140 ft. above creek, bears N. 10° E. and S. 10° W. thence across bench. At 14.00 chs. leave undergrowth and enter cultivated land, bears S. 20° W. and N. 20° E. At 18.15 chs. leave cultivated land and enter dense undergrowth, bears N. 20° E. and S. 20° W.; fence, bears N. 20° S. and S. 20° W. At 19.50 chs. leave bench, bears N. 20° E. and S. 20° W. ascend. At 24.00 chs. top of ridge 100 ft. above bench, bears N. 20° E. and S. 20° W.; descend. At 26.50 chs. set a quartzite stone, 18 X 10 X 4 ins., 12 ins. in the ground, for angle cor. No. 4, marked L 4 G. R. 16. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence

North 20.00 chs. At 8.50 chs. set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for ½ mile cor., marked ½ m. G. R. 16. on E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor. Pits impracticable. At 17.75 chs. fence at foot of descent, bears N. W. and S. E.; enter cultivated field. At 20.00 chs. set a quartzite stone, 24 X 10 X 5 ins., 18 ins. in the ground, for angle cor. No. 5, marked L 5 G. R. H. on N. E. face; dig pits, 24 X 18 X 12 ins., S. and W. of stone, 3 ft. dist., and raise a mound of earth, 4 ft. base, 2 ft. high, N. E.

Boundary of P. S. C. T. 6 S. R. 4 E - Continued

of cor.

Thence

10.00 chs. At 1.65 chs. fence, bears N. 20°
W. and S. 50° E.; leave cultivat.
ed field and enter dense un-
dergrowth; ascend. At 7.50 chs.
top of ridge, bears N. and S.;
descend. At 10.00 chs. set a quartz
ite stone, 20 x 12 x 4 ins., 15 ins. in
the ground, for angle cor. No.
6, marked L. 6 of R. 4. on N. E.
face, from which a maple
5 ins. across, bears N. 48° W.,
40 lbs. dist. marked L. 6 of R. 4.
and near a mound of stone,
2 ft. base, 12 ft. high, N. E. of
cor. This impracticable.

Thence

North 15.50 chs. set a quartzite stone, 18 x
18 x 6 ins., 12 ins. in the ground
for 3 mile corner, marked L. 6 of
R. 4. on E. face; and near a
mound of stone, 2 ft. base, 12
ft. high, E. of cor. This imprac-
ticable.

Land, mountainous and level.

Soil, black and gravelly loam; 1st
and 3rd rates.

No. lumber.

Undergrowth, oak, maple and sage
good grass for grazing.

Mountainous land or land covered
with dense undergrowth, 70.95 chs

Thence

Over mountainous land, through
dense undergrowth, descend.

North 10.00 chs. At 1.00 ch. foot of mountain,
bears N. 30° E. and S. 30° W.;

7095
905

Boundary of P. S. C. T. 6 S., R. 4 E. - 6

875
1.25

leave undergrowth and enter cultivated land. At 2.25 chs. fence, bears N. 20° E. and S. 20° W, leave cultivated land and enter dense undergrowth. At 2.50 chs. road, bears N. 20° E. and S. 20° W. At 3.50 chs. creek, 20 lbs. wide, 6 ins. deep, rapid current, course N. 20° E. At 10.00 chs. the beginning cor. of James R. Hooks' private land claim

Land, mountainous and level.
Soil, black loam and gravelly; 1st and 3rd rates.
No timber
Undergrowth, oak and maple.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 8.75 chs

General Description.

James R. Hooks' private land claim is located in secs 5 and 6 in T. 6 S., R. 4 E.; and lies mostly in the south fork of Provo Cañon.

About 26 acres of the claim is cultivated as farm and garden, and is irrigated from a branch creek of south fork of Provo Cañon; the remainder of the claim is used as a pasture.

Claimant's house is located near the N. E. cor. of claim.

Estimated valuations of improvements. \$1,000.00

Total area of claim 157.03 acres.

July 3, 1900.

Boundary of P. L. C. T. 7. S., R. 4 E. - Con

Co	se	Dist.	m e e r			
			N. - chs	S. - chs	E. - chs	W. - chs.
East		36.50			36.50	
South		48.50		48.50		
West		26.50				26.50
North		20.00	20.00			
West		10.00				10.00 /
North		28.50				
~			48.50	48.50	36.50	36.50 /

Boundary of P. L. C. T. 6 S., R. 4 E. S. 16

Boundaries of James H. Snyder's private land claim.

James H. Snyder having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 6, T. 6 S., R. 4 E. we proceed in accordance with Special Instructions to establish the boundaries as follows.

At a point 19.10 chs. W. of the Standard cor. of secs. 31 and 32 on S. bay of T. 6 S., R. 4 E., which is a cobbler stone, 6x16x8 ins., above ground, firmly set and marked and witnessed as described by the surveyor general. Set a sandstone, 18x12x4 ins., 12 ins. in the ground, for beginning cor., marked Beg. Cor. 1 of H. S. on S. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. E. of cor. Pits impracticable.

July 5, 1900. At 7^h 30^m a. m., l. m. t., we set off 40° 20' N., on the lat. arc, 22° 49' N., on the decl. arc, and determine a true meridian with the solar at the above described cor. Thence we run

Over mountainous land, through dense undergrowth, ascend

East 20.00 chs. At 3.00 chs. fence, bears N and S; leave undergrowth and enter cultivated land; thence across bench. At 12.00 chs. leave cultivated land and enter dense undergrowth, bears N. and S. At 14.00 chs. leave bench, bears N. and S., descend. This closing cor. of secs. 31 and 32. At 19.10 chs. the Standard cor. of secs. 31 and 32. At 20.00 chs. set a sandstone, 20x10x4 ins., 15 ins. in the ground for angle cor. No. 2, marked 12.

Boundary of P. L. C. T. 6 S., R. 4 E. — Continued.

Q. R. S. on S. W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. W. of cor. Pits impracticable.

Thence

South 60.00 chs. At 1.00 chs. fence, bears N. 85° W. and S. 85° E. At 6.00 chs. top of low ridge, bears N. 30° E. and S. 30° W. At 10.00 chs. creek, 15 lbs. wide, 6 ins. deep, in canon, comes N. 30° E. At 12.00 chs. road in canon, bears N. 30° E. and S. 30° W.; ascend. At 20.00 chs. set a quartzite stone, $20 \times 8 \times 7$ ins., 15 ins. in the ground, for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ M. Q. R. S. on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Claimant's house bears S. 60° W. about 15 chs. dist., At 60.00 chs. set a quartzite stone, $18 \times 12 \times 8$ ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. Q. R. S. on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak, maple and ssg.

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 71.00 chs.

July 6: 1900: At this cor. we set off $22^\circ 48'$ N., on the decl. arc; and at 0^h 2^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is $40^\circ 19'$ N.

$\frac{1}{19}$

Boundary of G. L. C. T. 6. S., R. 4 E. - Cont.

Thence

Over mountainous land; through dense undergrowth; descends.

South 20.00 chs. set a sandstone, 18 x 9 x 6 ins. 12 ins. in the ground, for angle cor. No. 3, marked L 3 J. H. S. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence

West 20.00 chs. At 13.00 chs. enter flat, bears N. and S. At 20.00 chs. set a quartzite stone, 30 x 10 x 8 ins., 24 ins. in the ground, for angle cor. No. 4, and ½ mile cor., marked L 4. ½ m. J. H. S. on N. E. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. E. of cor. Pits impracticable.

Thence

North 40.00 chs. At 30.00 chs. leave bench, bears N. 20° E. and S. 20° W., descend. At 36.00 chs. wood road, bears N. 20° E. and S. 20° W. At 39.50 chs. cut, 20 lbs. wide, 1 in deep, in canon, course N. 20° E.; ascend. At 40.00 chs. set a sandstone, 30 x 20 x 12 ins., 24 ins. in the ground, for 2 mile cor., marked 2 m. J. H. S. on E. face; from which an aspen, 4 ins. diam, bears N. 20° E. 15 lbs. dist., marked 2 m. J. H. S.; and raise a mound of stone, 2 ft. base, 1½ ft. high; E. of cor. Pits impracticable.

Land. mountainous and level

Soil. black loam and gravelly; 1st and 3rd rate.

No timber.

Undergrowth, oak, maple and aspen
Good grass for grazing.

Mountainous land, or land cov.

Boundary of O. L. C. T. 6 S. R. 4 E. - con

ered with dense undergrowth,
80.00 chs.

thence

Over mountainous land, through
dense undergrowth; ascend.

North

40.00 chs. At 30.00 chs. top of ascent, enter
bench, bears N. W. and S. E. At 40.00
chs. the beginning cor. of James
H. Snyder's private land claim.

Land, mountainous

Soil, gravelly loam; 1st rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land or land covered
with dense undergrowth, 40.00 chs.

July, 6, 1900.

General Description

James H. Snyder's private land claim
is located in sec. 6, T. 6 S., R. 4 E. and
lies mostly in the south fork of Provo
Cañon. About 15 acres is cultivated
as farm and garden; the remain-
der of the claim is used as a pasture.
Claimant's house is situated in the
North central part of the claim.

Estimated valuation of improve-
ments \$500.00

Total area of claim, 160.00 acres.

Co	at Dist	to		and clos		errors.
		n. - chs.	W. - chs.	W. - chs.	W. - chs.	
East	20.00				20.00	/
South	80.00			80.00		/
West	20.00				20.00	/
North	80.00	0.00				/
0		80.00		80.00	20.00	20.00

Scott P. Stewart
John R. Stewart.
U. S. Deputy Surveyors.

35

Volume

#

R0278

Boundary of P. L. C. T. 6 S., R. 4 E. - Continued.

Boundaries of Moses H. Draper's private land claim.

Moses H. Draper having duly presented his claim and proofs of 20 years adverse possession of a tract of land in sec. 5, T. 6 S., R. 4 E.; we proceed in accordance with Special Instructions, to establish the boundaries as follows:

At a point 48.50 chs. S. and 52.13 chs. E. of the standard cor. of secs. 31 and 32 on S. bay. of T. 5 S., R. 4 E. heretofore described. Set a sandstone, 18 X 9 X 8 ins, 12 ins. in the ground, for beginning cor., marked Beg. Cor. 1 M. H. D. on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

February 25, 1901: At 7th 0^{am} a. m., l. m. l., we set off 40° 19' N., on the lat. arc; 7° 57' S., on the decl. arc; and determine a true meridian with the solar at the above described cor.

Thence we run:

Over mountainous land, through dense undergrowth, descend.

West 10.00 chs. angle cor. No. 3 on James R. Hook's P. L. C. heretofore described we mark it 2 M. H. D., on the N. E. face, for angle cor. No. 2.

Thence

North 40.00 chs. At 1.50 chs. road in cañon, bears N. 20° E. and S. 20° W. At 2.50 chs. creek, 5 lbs. wide, 3 ins. deep, rapid current, in cañon, course N. 20° E. At 2.80 chs. fence, bears N. 10° E. and S. W. At 3.00 chs. 1 mile cor. on James R. Hook's, P. L. C. At 20.00 chs. top of spur, 20 ft. above cañon, bears E.

Boundary of O. L. C. - T. 6 S., R. 4 E. - Cont.

and w. : descend. At 27.00 chs. foot of descent, bears E. and W. At 29.50 chs. leave undergrowth and enter cultivated land bears E. and W. At 30.00 chs. set a sandstone, 18 x 9 x 8 ins. 12 ins. in the ground, for 1/2 mile cor. marked 1/2 m. m. H. 10. on E. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, E. of cor. Pits impracticable. At 30.40 chs. fence, bears N. 10° W. and S. 10° E., leave cultivated land and enter dense undergrowth; At 31.00 chs. creek, 10 lbs. wide, 6 ins. deep, rapid current, rocky bottom, in South fork of Brown Canon, course N. W. Claimant's house bears E. 50° dist. At 32.50 chs. road, bears N. 10° W. At 40.00 chs. set a sandstone, 18 x 10 x 9 ins., 12 ins. in the ground, for angle cor. No. 3, marked 2/3 m. H. 10. on S. E. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. E. of cor. Pits impracticable.

Thence

East

Ascend along south face of mountain 30.00 chs. set a sandstone, 20 x 9 x 8 ins., 15 ins. in the ground, for 1 mile cor., marked 1 m. m. H. 10. on S. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor. Pits impracticable.

79.10/90

Land, mountainous

Soil, black loam and gravelly; 1st and 3rd rate

No timber

Undergrowth oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth. 79.10 chs.

February 26, 1901. At the noon hour the sky is overcast and solar obser.

Boundary of O. L. C. T. & S. R. 4 E. - Continued.

vations are impossible.

East
Thence over mountainous land, through dense undergrowth; ascend. 40.00 chs. At 9.00 chs. top of ridge, 20 ft. above 1 mile cor., bears N. and S. descend. At 40.00 chs. set a sandstone, 18 X 12 X 8 ins., 12 ins. in the ground, for angle cor. No. 4, and 1/2 mile cor., marked L. 4, 1/2 m. m. H. 10. on the S. W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high; S. W. of cor. Pits impracticable.

Thence

South
20.00 chs. At 17.00 chs. bottom of cañon, 200 ft. below cor. corner N. 75° W.; ascend abruptly. At 20.00 chs. set a sandstone, 16 X 8 X 6 ins., 11 ins. in the ground, for angle cor. No. 5; marked L. 5 m. H. 10. on N. W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. W. of cor. Pits impracticable.

Thence

West
20.00 chs. Set a sandstone, 18 X 12 X 5 ins., 12 ins. in the ground, for 2 mile cor., marked 2 m. m. H. 10. on the N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. W. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly, 2nd rate

No timber

Undergrowth, oak and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Thence

Over mountainous land, through dense undergrowth, ascend along north face of mountain.

West 40.00 chs. At 28.00 chs. to top of ridge, 500 ft. above 2 mile cor., bears N. 70° W. and S. 70° E.; descend. At 40.00 chs. set a sandstone, 16 x 9 x 7 ins., 11 ins. in the ground, for angle cor. no. 6, and 2½ mile cor., marked < 6 ½ M. M. H. 10. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Thence

South 20.00 chs. At 4.50 chs. Creek, 6 lks. wide, 6 ins. deep, rapid current, in bottom of south fork of Provo Cañon, course N. 70° W.; ascend. At 5.00 chs. road in cañon, bears N. 70° W. and S. 70° E. At 19.00 chs. top of ridge, 100 ft. above cañon, bears N. 80° W. and S. 80° E.; descend. At 20.00 chs. the beginning cor. on Moses H. Draper's private land claim.

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 20.00 chs.

February 28, 1901.

General Description.

Moses H. Draper's private land claim is situated in sec. 5, T. 6 S., R. 4 E., and lies mostly in a branch of south fork of Provo Cañon. About 13 acres of the claim is

Boundary of P. L. C. - T. 6 S., R. 4 E. - Gov.

cultivated as farm and gardens, and is watered from a branch creek of south fork of Provo Cañon the remainder of the claim is used as a pasture.

Claimant's house is situated near the N. W. cor. of the claim.

Valuation of improvements about \$250.00

Total area of claim 160.00 acres.

Course	Dist.	S. D. Latitudes		and closing error	
		N. - ch.	S. - ch.	E. - ch.	W. - ch.
West	10.00				10.00
North	40.00	40.00			
East	70.00			70.00	
South	20.00		20.00		
West	60.00				60.00
South	20.00		20.00		
Total		40.00	40.00	70.00	70.00

John R. Stewart.
U. S. Deputy Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Scott P. Stewart and
Amos R. Stewart United States Deputy Surveyors to assist in running, measuring, and
marking the lines and corners described in the foregoing field notes of the survey of the private lands
of Edwin M. Whiting T. & S. R. 4 E. Lewis M. Johnson, Jesse J. Fifield, and Ozias J.
of T. & S. R. 4 E. and Mose H. Draper T. 6 S. R. 4 E. of Salt Lake Base and Meridian. Utah
giving the respective capacities in which they acted:

- Vasco Call Chainman.
- George U. Buxley Chainman.
- Moundman.
- Moundman.
- Arman.
- Arman.
- Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Scott P. Stewart and
Amos R. Stewart United States Deputy Surveyors, in surveying all
se parts or portions of the private land claims of Edwin M. Whiting, T. & S. R. 4 E.;
Lewis M. Johnson, Jesse J. Fifield, and Ozias J. Strong T. 7 S. R. 4 E.;
and Mose H. Draper T. 6 S. R. 4 E. of Salt Lake Base and Meridian

of the
meridian State of Utah, which are represented
the foregoing field notes as having been surveyed by him and under his direction; and that said survey
been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
other monuments established, according to the instructions furnished by the United States Surveyor
General for Utah.

- Vasco Call Chainman.
- George U. Buxley Chainman.
- Moundman.
- Moundman.
- Arman.
- Arman.
- Flagman.

scribed and sworn to before me this 2nd
day of March 1901, 189 }
of commissioner expires March 17 1903

Andrew J. Stewart Jr.
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

We Scott P. Stewart & John R. Stewart, United States Deputy Surveyors, solemnly swear that, in pursuance of a contract received from Jacob B. Blair, United States Surveyor General for Utah, bearing date of 26th day of January, 1890 we have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The private land claims of Edmund Whiting, T. & S. R. H. E., Lewis & M. Johnson, Jessie Fifield, and O. A. Strong, T. & S. R. H. E. and Moses H. Draper, T. & S. R. H. E.

of the Salt Lake and in G.T.C. E.H.E. meridian, in the State of Utah, which are represented in foregoing field notes as having been surveyed by me, and under my direction; and we do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, we will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Scott P. Stewart
John R. Stewart
United States Deputy Surveyors

Subscribed by said Scott P. Stewart and John R. Stewart, and sworn to before me }
this 27th day of April, 1901.

Edward H. Anderson
U. S. Surveyor General
for Utah



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah
The foregoing field notes of the survey of The field divisions and Private Land Claims in Township South Range East of the Salt Lake Base Meridian

executed by _____ under his contract No. _____, dated _____, 189____, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this office.

United States Surveyor General

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of _____

holding the respective capacities in which they acted:

- _____, Chairman.
- _____, Chairman.
- _____, Moundman.
- _____, Moundman.
- _____, Axman.
- _____, Axman.
- _____, Flagman.

In final affidavit for settlement see book L. 455 P. 36

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____, United States Deputy Surveyor, in surveying all the parts or portions of the _____

_____ of the _____ meridian, _____ of _____, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for _____

- _____, Chairman.
- _____, Chairman.
- _____, Moundman.
- _____, Moundman.
- _____, Axman.
- _____, Axman.
- _____, Flagman.

In final affidavit for settlement see book L. 455 P. 36

scribed and sworn to before me this _____ day of _____, 189 _____



FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy S. solemnly swear that, in pursuance of a contract received from United States Surveyor General for _____, bearing _____ day of _____, 189____, I have well, faithfully, and truly, in proper person, and in strict conformity with the instructions furnished by the United States General for _____, the Manual of Surveying Instructions, and the United States, surveyed all those parts or portions of _____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States General for _____ and in the specific manner described in the field notes, the foregoing are the original field notes of such survey; and should any fraud be detected, I incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy

Subscribed by said _____, and sworn to before me } this _____ day of _____, 189____



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Mo. ch. 31, 1902

The foregoing field notes of the survey of *the subdivision line and Post Paul Gannon in Township 6 South Range 4 East of the 1st Salt Lake & Indian Res. Utah*

executed by *Scott Stewart and John A. Stewart* under ^{their} contract No. *226*, dated *January 26*, 189____, having critically examined, and the necessary corrections and explanations made, the said field notes, surveys they describe, are hereby approved.

Edward H. Underhill
United States Surveyor

I certify that the foregoing transcript of the field notes of the above-described surveys in _____, has been correctly copied from the original notes on file in this _____

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BOOK A-278

FIELD NOTES

OF THE SURVEY OF THE

13.

Fractional
West and North Boundaries,

of

Township No. 5 South, Range No. 3 E.

Of the *Salt Lake Base and* Meridian,
In the State of Utah.

AS SURVEYED BY

Scott O. Stewart and John R. Stewart, United States Deputy Surveyors,

under ^{his} ~~his~~ Contract No. *226*, dated *January 26*, 1897.

Survey commenced *August 10th*, 1900.

Survey completed *August 16th*, 1900.

6-181

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<i>N -</i>	<i>do</i>	<i>2 - 75 - 30 v</i>	

5-00 v

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chairman.

Joseph B. Peterson, Chairman.

George A. Busley, Moundman.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

In preliminary affidavits see book A. H. & S. R. 3rd.

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, and
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will chain over even and uneven ground, and plumb the tally pins, either by stiching or dropping the we will report the true distances to all notable objects, and the true lengths of all lines that we measuring, to the best of our skill and ability, and in accordance with instructions given us, in the

Subscribed and sworn to before me this }
day of 189 }



We, and
do solemnly swear that we will well and truly perform the duties of moundmen in the esta of corners, according to the instructions given us, to the best of our skill and ability, in the

Subscribed and sworn to before me this }
day of 189 }



We, and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of and other duties, according to instructions given us, to the best of our skill and ability, in the

Subscribed and sworn to before me this }
day of 189 }



I, do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability, survey of

Subscribed and sworn to before me this }
day of 189 }



West boundary of T. 5 S., R. 3 E.-

Chains Survey commenced August 10, 1900, and executed with a W. and S. E. Gurley, light mountain transit, No. -, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on May 4, 1899.

We examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours, with a true meridian determined by observation on Polaris, we proceed as follows:

August 10, 1900: At the standard cor. of Tps. 5 S., Rs. 2 and 3 E., which is a boulder 6 x 9 x 7 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, latitude $40^{\circ}20'N.$, longitude $111^{\circ}37'W.$, we set off $40^{\circ}20'N.$ on the lat. arc; $15^{\circ}31'N.$ on the decl. arc; and at 4^h 0^m p. m., l. m. t., determine, with the solar, a true meridian and mark a point thereof on a stone, firmly set in the ground, 500 chs. N. of the cor.

At 10^h 11^m p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, on a plug driven in the

West boundary of T. 5 S., R. 3 E. - Continued.

Chain ground, 500 chs. N. of our station.

August 10, 1900.

August 11, 1900: At 6^h 30^m a. m., l. m. t., we lay off the azimuth of Polaris, 1° 36' to the west and mark the true meridian thus determined, by cutting a small groove in the stone, set August 10, on which the true meridian falls 0.21 ins. east of the mark determined with the solar.

At 7^h 0^m a. m., l. m. t., we set off 40° 20' N. on the lat. arc; 15° 20' N. on the decl. arc; and mark a point in the true meridian determined with the solar, by a cross (x) on the stone already set 500 chs. N. of our station; this mark falls 0.31 ins. east of the true meridian established by Polaris observation.

The solar apparatus by p. m. and a. m. observations, defines positions for true meridians, respectively about, 0' 11" west and 0' 16" east of the true meridian established by Polaris observation; therefore we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7^h 30^m a. m. is N. 16° 30' W.; the angle thus determined reduced by the table, page 100 of the Manual, gives the mean mag. decl. 16° 24' E.

From the above described standard cor. of Tps. 5 S., Rs. 2 and 3 E. we run North, bet. secs. 31 and 36.

Over mountainous land; through dense oak brush; descend.

15.15 Bottom of swale, 50 ft. below Tp. cor. course E.; ascend.

West boundary of T. 5 S., R. 3 E. - Continued.

Chains	
35.60	Top of ridge, 250 ft. above swale, bears E. and W.; descend.
40.00	Swale, 100 ft. below ridge, course N. 80° E. Set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for \pm sec. cor., marked \pm on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Ascend.
68.75	Top of spur, 100 ft. above swale, bears E. and W.; descend.
79.80	Foot of descent, bears E. and W.; enter small basin.
80.00	Set a quartzite stone, 16 x 8 x 8 ins., 11 ins. in the ground, for cor. of secs. 25, 30, 31, and 36, marked with 5 notches on N. and 1 notch on S. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous.
	Soil, gravelly; 3rd rate.
	No timber.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 8000 chs.
	August 11, 1900: At this cor. we set off 15° 16' N., on the decl. arc; and at 0 h 2 m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 21' N.
	North, bet. secs. 25 and 30.
	Across small basin; through dense undergrowth.
1.00	Leave basin, bears E. and W.; ascend.
2.73	Top of ridge, 200 ft. above sec. cor., bears N. E. and S. W.; descend.

West boundary of T. 5 S., R. 3 E. - Concluded.

Chains	
40.00	Set a granite stone, 20 x 7 x 6 ins., 15 ins. in the ground, for $\#$ sec. cor., marked $\#$ on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
50.60	Bottom of cañon, 250 ft. below ridge, course S.W.; ascend.
52.80	Wash, 25 lks. wide, 8 ft. deep, course S. 25° W.
80.00	Set a quartzite stone, 18 x 12 x 5 ins., 12 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
	Land, mountainous.
	Soil, gravelly; 3rd rate.
	No timber.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 80.00 chs.
	<p>Note: The remainder of this boundary and the west 3 miles of the N. bdy. of Tp. is high, steep, and precipitous, (no settlers residing thereon) and is impracticable to survey: therefore we begin at the above described cor. and run East 3 miles to the cor. of secs. 21, 22, 27, and 28, and thence N 0° 4 miles to the cor. of secs. 3, 4, 33, and 34. For notes see subdivision of Tp.</p>

August 11, 1900.

North boundary of T. 5 S., R. 3 E.

Chains August 16, 1900: At 8³⁰ a. m., l. m., t., we set off $40^{\circ}25'N.$, on the lat. arc; $13^{\circ}47'N.$, on the decl. arc; and determine a true meridian with the solar at the temp. cor. of secs. 3, 4, 33, and 34.

Thence we run

East, on a random line along N. bdy. of T. 5 S., setting temp. cor. and sec. cor. at intervals of 40.00 chs.; and at 236.30 chs. intersect E. bdy. of T. 5 S., 5.58 chs. North of the cor. of T. 5 S., R. 3 and 4 E., which is a limestone, $12 \times 12 \times 8$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

The falling exceeds the limits allowed for closing therefore we

Set a quartzite stone, $15 \times 12 \times 5$ ins., 10 ins. in the ground, for closing cor. of T. 5 S., R. 3 E., marked C.C. 3 E. on W., 4 S. on N., and 5 S. on S. faces; with 6 grooves on N., S., and W. faces; and raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Note: We destroy all marks on the cor. of T. 5 S., R. 3 and 4 E., which pertain to T. 5 S., R. 3 E.

Thence we run

West, on a true line bet. secs. 1 and 36.

Over mountainous land; through dense undergrowth; descend.

4.15 Deer Creek, 15 lks. wide, 18 ins. deep, rapid current, rocky bottom, in bottom of Deer Creek Cañon, 100 ft. below cor., course $S. 30^{\circ} E.$; ascend.

5.15 Road in cañon, bears $N. 30^{\circ} W.$ and $S. 30^{\circ} E.$

13.60 Top of ascent, 200 ft. above cañon, bears $N. 30^{\circ} W.$ and $S. 30^{\circ} E.$ Thence across mesa.

30.60 Begin ascent of mountain, bears $N. W.$ and $S. E.$

36.30 Set a quartzite stone, $15 \times 10 \times 5$ ins., 10 ins.

North boundary of T. 5 S., R. 3 E. - Continued.

Chains	in the ground, for \neq sec. cor., marked \neq on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
60.10	Wash, 25 lks. wide, 5 ft. deep, course N. 60° E.
- 76.30	Set a talc stone, $14 \times 10 \times 8$ ins., 9 ins. in the ground, for cor. of secs. 1, 2, 35, and 36, marked with 1 notch on E. and 5 notches on W. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous and level. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 76.30 chs. August 16, 1900: At this cor. we set off $13^{\circ} 43'$ N., on the decl. arc; and at $0^h 4^m$ p. m., l. m. t., observe the sun of the meridian, the resulting lat. is $40^{\circ} 25' N.$
	West, on a true line bet. secs. 2 and 35. Over mountainous land; through dense undergrowth; ascend.
5.75	Top of ridge, 30 ft. above sec. cor., bears N. 80° E. and S. 80° W.; descend.
15.15	Bottom of cañon, 200 ft. below ridge, course N. 50° E.; ascend.
40.00	Set a blue limestone, $20 \times 12 \times 6$ ins., 15 ins. in the ground, for \neq sec. cor., marked \neq on N. face; and raise a mound of stone, 2 ft. base $1\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.
50.70	Enter heavy aspen timber, bears N. and S.
64.85	Leave timber, bears N. W. and S. E.
- 80.00	Set a sandstone, $22 \times 8 \times 8$ ins., 16 ins. in the ground, for cor. of secs. 2, 3, 34, and 35, marked with 2 notches on E. and 4 notches

North boundary of T. 5 S., R. 3 E. - Continued.

<p>Chains</p>	<p>on W. edges; from which An aspen, 5 ins. diam., bears S. 10° E., 68 lks. dist., marked T. 5 S., R. 3 E., S. 2, B. J. An aspen, 5 ins. diam., bears S. 40° W., 35 lks. dist., marked T. 5 S., R. 3 E., S. 3, B. J. No other trees within limits; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, black and gravelly loam; 1st and 2nd rate. Timber, aspen. Undergrowth, oak. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth 8000 chs.</p>
<p>6.75 13.00 21.20 38.80 40.00</p>	<p>West, on a tree line bet. secs. 3 and 34. Over mountainous land; through dense undergrowth; ascend. Top of ridge, 60 ft. above cor., bears N. 60° E. and S. 60° W.; descend. Bottom of swale, 50 ft. below ridge, course S. Enter heavy aspen timber, bears N. and S.; ascend. Top of ridge, 30 ft. above swale, bears N. and S.; descend. Foot of descent, bears N. and S. Leave timber, bears N. and S. Thence across small basin. Set a blue limestone, 16 x 8 x 6 ins., 11 ins. in the ground, for \neq sec. cor., marked \neq on N. face; from which An aspen, 8 ins. diam., bears N. 25° W. 155 lks. dist., marked \neq S. 34, B. J.</p>

North boundary of T. 5 S., R. 3 E. - Continued

Chains	An aspen, 6 ins. diam., bears S. 80° E. 60 lks. dist., marked T. 5 S., R. 3 E.
41.65	Leave basinward begin descent, bears N. 20° E. and S. 20° W.
48.48	Begin abrupt descent, bears N. and S.
63.60	Enter heavy aspen timber, bears N. and S.
69.70	Creek, 2 lks. wide, 2 ins. deep, in cañon, 350 ft. below T sec. cor., course S. 10° W., ascend
80.00	The temp. cor. of secs. 3, 4, 33, and 34. Set a quartzite stone, 18 x 12 x 4 ins., 12 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, marked with 3 notches on E., and W. edges; from which An aspen, 12 ins. diam., bears N. 74° E., 30 lks. dist., marked T. 4 S., R. 3 E., S. 34, B. J. An aspen, 12 ins., diam., bears S. 35° E., 21 lks. dist., marked T. 5 S., R. 3 E., S. 3, B. J. An aspen, 14 ins. diam., bears S. 27° W., 50 lks. dist., marked T. 5 S., R. 3 E., S. 4, B. J. An aspen, 12 ins. diam., bears N. 36° W., 35 lks. dist., marked T. 4 S., R. 3 E., S. 33, B. J.
	Land, mountainous.
	Soil, black and gravelly loam; 1st and 2nd rate.
	Timber, aspen.
	Undergrowth, oak.
	Good grass for grazing.
	Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.
	August 16, 1900.

For General Description see subdivision
notes of this township

Scott Stewart
John R. Stewart
G. H. Lee

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Scott P. Stewart and
John R. Stewart, United States Deputy Surveyors, to assist in running, measuring, and
 marking the lines and corners described in the foregoing field notes of the survey of The fractional
bdy. of T. & S. R. 3 E.; the fractional S. bdy. and N. bdy. of T. & S. R. 4 E.;
fractional
W. and N. bdy. of T. & S. R. 3 E. of the Salt Lake Basin & Meridian, Salt
 surveying the respective capacities in which they acted:

William Huff, Chainman.

Joseph B. Peterson, Chainman.

George A. Busley, Moundman.

Moundman.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Scott P. Stewart and
John R. Stewart, United States Deputy Surveyors, in surveying all
 those parts or portions of the fractional E. bdy. of T. & S. R. 3 E.; the fractional
S. bdy. and N. bdy. of T. & S. R. 4 E.; N. bdy. T. & S. R. 4 E.; and fractional
S. and N. bdy. of T. & S. R. 3 E.

of the Salt
Lake Basin and meridian, State of Utah, which are represented
 the foregoing field notes as having been surveyed by him and under his direction; and that said survey
 been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
 corner monuments established, according to the instructions furnished by the United States Surveyor
 General for Utah

William Huff, Chainman.

Joseph B. Peterson, Chainman.

George A. Busley, Moundman.

Moundman.

Vosco Call, Axman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

described and sworn to before me this 26th
 day of April, 1901, 189
 my commission expires March 17 1903



Andrew J. Stewart Jr.
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Wm. Scott P. Stewart and John R. Stewart, United States Deputy Surveyors, solemnly swear that, in pursuance of a contract received from Jacob B. Blair, United States Surveyor General for Utah, bearing date 96th day of January, 1899, I have well, faithfully, and truly, in our proper persons, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of The fractional E. bdy. of T. 2 S. 1. the fractional S. bdy. and N. bdy. of T. 2 S., R. 4 E., N. bdy. T. 1 S., R. 4 E. and fractional W. and N. bdy. of T. 2 S., R. 3 E.

of the Salt Lake Base and meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Scott P. Stewart
John R. Stewart
United States Deputy Surveyors

Subscribed by said Scott P. Stewart & John R. Stewart and sworn to before me }
this 30th day of April, 1901, 189



Edward H. Anderson
U. S. Surveyor - Gen.
for

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 31, 1902

The foregoing field notes of the survey of The fractional West & North Corners of Township 5 South Range 3 East of the Salt Lake Base a Meridian, Utah

executed by Scott P. Stewart & John R. Stewart under his contract No. 226, dated January 26, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H. Anderson
United States Surveyor General

I certify that the foregoing transcript of the field notes of the above-described surveys in _____ has been correctly copied from the original notes on file in this office.

United States Surveyor General

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BOOK A-278

FIELD NOTES

Re and Retracement.
OF THE SURVEY OF THE

3.10.
East Boundary and Retracement
First Standard
Parallel South

of

Township No. 5 South Range No. 3 East

of the Salt Lake Base and Meridian,
In the State of Utah.

AS SURVEYED BY

Wm. P. Stewart and John R. Stewart, United States Deputy Surveyors.

under ^{their} his Contract No. 226, dated January 26, 1899.

Survey commenced August 17th, 1900.
~~1899~~

Survey completed August 21, 1900.
~~1899~~

6-161

Resurvey E. Poly height 2 34.30

Retracement " lev 3. 38.59

Retracement 1st Hand Paul Smith 2, 79 35^c

clay

4-90 12

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chairman.

George H. Bessley, Chairman.

Vosco Call, Moundman.

Andy J. Stewart, Chairman.

BOOK A-278

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, William Huff and George H. Beasley do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the: we will report the true distances to all notable objects, and the true lengths of all lines that we measuring, to the best of our skill and ability, and in accordance with instructions given us, in the and retracement of the East bdy. and fractional First Standard Parcel South of T. 5 S. R. 3 E. of the Salt Lake Basin and Nevada Salt William Huff, C. George A. Beasley, C.

Subscribed and sworn to before me this 17th day of July, 1899, 189-

My Commission expires March 17th 1903. Andrew J. Stewart Notary Public

WE, Vosco Call and do solemnly swear that we will well and truly perform the duties of moundmen in the est- of corners, according to the instructions given us; to the best of ~~our~~ ^{my} skill and ability, in the and retracement of the East bdy. and fractional First Standard Parcel of T. 5 S. R. 3 E. of the Salt Lake Basin and Nevada Salt Vosco Call, M. Andrew J. Stewart, Mo.

Subscribed and sworn to before me this 17th day of July, 1899, 189-

My Commission expires March 17th 1903. Andrew J. Stewart Notary Public

WE, Andy J. Stewart and do solemnly swear that we will well and truly perform the duties of axmen in the establishment of and other duties, according to instructions given us; to the best of ~~our~~ ^{my} skill and ability, in the and retracement of the East bdy. and fractional First Standard Parcel of T. 5 S. R. 3 E. of the Salt Lake Basin and Nevada Salt Andy J. Stewart

Subscribed and sworn to before me this 17th day of July, 1899, 189-

My Commission expires March 17th 1903. Andrew J. Stewart Notary Public

I, _____, do solemnly swear that I will well and perform the duties of flagman according to instructions given me, to the best of my skill and ability survey of _____

Subscribed and sworn to before me this _____ day of _____, 189-



Retracement of E. bdy. of T. 5 S., R. 3 E. -

August 17, 1900; At 7^h 0^m a. m., l. m. t., we set off $40^{\circ}25'N.$, on the lat. arc; $13^{\circ}29'N.$, on the decl. arc; and determine a true meridian with the solar, at the cor. of Tps. 4 and 5 S., Range 4 E., heretofore described
Note: On account of the closing made on this boundary we are led to believe that discrepancies exist in the East boundary of this Tp.; therefore we proceed to retrace the boundary as follows:

From the above described cor., We run South, on a retracement line bet. secs. 1 and 6.

40.84 The $\#$ sec. cor. bet. secs. 1 and 6, which is a granite stone, $6 \times 10 \times 7$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears East 80 lks. dist.

51.70 The cor. of secs. 1, 6, 7, and 12, which is a granite stone, $6 \times 10 \times 5$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears East 64 lks. dist.

The course of this line is, therefore $S. 0^{\circ}27'E.$ 81.70 chs.

South, on a retracement line bet. secs. 7 and 12.

13.95 Angle cor. no. 8 on John W. Hoover's private land claim.

110.46 The $\#$ sec. cor. bet. secs. 7 and 12, which is a granite stone, $14 \times 14 \times 5$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears East 17 lks. dist.

80.95 The cor. of secs. 7, 12, 13, and 18, which is a flint stone, $6 \times 10 \times 4$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears E. 35 lks. dist.

The course of this line is, therefore $S. 0^{\circ}15'E.$ 80.95 chs.

This cor. is angle cor. no. 9 on John W. Hoover's private land claim

South, on a retracement line bet. secs. 13 and 18.

Retracement of East bdy. of T. 5 S., R. 3 E. - Continued

Chains

3.00 Beg. cor. No. 1 on John W. Hovers' private land claim
 38.34 The \pm sec. cor. bet. secs. 13 and 18, which is a limestone, 7x12x9 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears East 48 lks. dist.

80.00 We search diligently but find no trace of cor. of secs. 13, 18, 19, and 24. Set temp. cor. The course of the N. $\frac{1}{2}$ of this line is therefore S. 0° 43' E.

August 17, 1900: At the noon hour the sky is overcast and solar observations are impossible.

South, on a retracement line bet. secs. 19 and 24.

40.00 Find no trace of \pm sec. cor. Set temp. \pm sec. cor.

80.00 Find no trace of the cor. of secs. 19, 24, 25, and 30, after diligent search. Set temp. cor.

South, on a retracement line bet. secs. 25 and 30.

40.00 Find no trace of \pm sec. cor. Set temp. \pm sec. cor.

72.64 The cor. of secs. 25, 30, 31, and 36, which is a cobble stone, 9x12x9 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears S. 308 lks. dist. This cor. is angle cor. No. 2 on Joshua Mechan's private land claim
 August 17, 1900.

August 18, 1900: At 7^h 0^m a. m. i. m. i. t., we set off 40° 21' N. on the lat. arc; 18° 10' N. on the decl. arc; and determine a

Resurvey of E. bdy. of T. 5 S., R. 3 E. - Continued.

Chains true meridian, with the solar, at the cor. of secs. 25, 30, 31, and 36.

Note: Not being able to find any of the cor. bet. the \neq sec. cor. bet. secs. 13 and 18, and the above described cor., we proceed to reestablish the cor. as follows:

The falling answers to a correction of 104 lbs. or 46' W. per mile, counting from the cor. of secs. 25, 30, 31, and 36, and the length of each mile will be 77.72 chs.

Therefore we run

N. $0^{\circ}46'$ W., on a resurvey line bet. secs. 25 and 30.

Over level land; through dense undergrowth.

0.20 Creek, 20 lbs. wide, 14 ins. deep, in canon, courses S. 70' W.; usual mountain
4.71 Deg. 5 min. N. on goal line, 112 ch. and printed line claim, to set of described, we mark it C.C. on 1/2 sec.

35.86 Set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for \neq sec. cor., marked \neq on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Find no trace of old cor.

55.95 Top of ridge, 800 ft. above sec. cor., bears N. 80° E. and S. 80° W.; descend.

77.72 Set a quartzite stone, 18 X 10 X 8 ins., 12 ins. in the ground, for cor. of secs. 19, 24, 25, and 30, marked with 4 notches on N. and 2 notches on S. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. We search diligently but find no trace of old cor.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 77.72 chs.

N. $0^{\circ}46'$ W., on a resurvey line bet. secs.

Resurvey of E. bdy. of T. 5 S., R. 3 E. - Concluded.

Chains	19 and 24.
	Over mountainous land; through dense undergrowth; descend.
5.00	Bottom of hollow, 50 ft. below sec. cor., course W.; ascend.
38.86	Set a quartzite stone, 16 x 6 x 5 ins., 11 ins. in the ground, for \pm sec. cor., marked \pm on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
62.00	Top of ridge, 200 ft. above \pm sec. cor., bears N.W. and S.E.; descend.
76.00	Top of perpendicular cliff 100 ft. high, bears N.W. and S.E..
- 77.72	Set a quartzite stone, 16 x 10 x 5 ins., 11 ins. in the ground, for cor. of secs. 13, 18, 19, and 24, marked with 3 notches on N. and 3 notches on S. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
	Note: We search diligently but find no trace of old cor.
	Land, mountainous.
	Soil, gravelly loam and rocky; 2nd and 4th rate.
	No timber.
	Undergrowth, oak, maple, and mahogany.
	Good grass for grazing.
	Mountainous land, or land covered with dense undergrowth, 77.72 chs.

N. 0° 46' W., on a resurvey line bet. the S. labels of secs. 13 and 15.

Over mountainous land; through dense undergrowth; descend.

9.50 Bottom of Bear Cañon, 100 ft. below sec. cor., course W.; ascend.

19.75 Top of ridge, 250 ft. above cañon, bears E. and W.; descend.

- 38.86 The \pm sec. cor. bet. secs. 13 and 15.

Retracement of East bdy. of T. 5 S., R. 3 E. - Continued.

Chains

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber.

Undergrowth, oak and sage.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 38.86 chs.

August 18, 1900; At this cor. we set off $13^{\circ} 05' N.$, on the decl. arc; and at $0^h 3^m$ p.m., l.m.t., observe the sun on the meridian the resulting lat. is $40^{\circ} 23' N.$

August 18, 1900

August 20, 1900; At $7^h 30^m$ a.m., l.m.t., we set off $40^{\circ} 21' N.$, on the lat. arc; $12^{\circ} 30' N.$, on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 25, 30, 31, and 36.

Thence we run

South, on a retracement line bet. secs. 31 and 36.

35.29

Angle cor. No. 3 on Joshua Mechem's private land claim.

39.95

The \pm sec. cor. bet. secs. 31 and 36, which is a blue limestone, $5 \times 12 \times 4$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

77.60

The closing cor. of Tps. 5 S., Rs. 3 and 4 E., which is a cobble stone, $11 \times 10 \times 8$ ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

This cor. is 490 chs. W. of the standard cor. of Tps. 5 S., Rs. 3 and 4 E., instead of 490 chs. E., as reported by the surveyor general.

From the closing cor. of Tps. 5 S., Rs. 3

Retracement of 1st Standard Parallel S. through Range 3 E.

Chains and 4 E., described heretofore.

We run

West, on a retracement line along S. side of sec. 36.

36.10 The standard $\frac{1}{4}$ sec. cor. on S. side of sec. 36, which is an oak, 5 ins. diam., marked and witnessed as described by the surveyor general.

77.45 The standard cor. of secs. 35 and 36, which is a limestone, 12 x 8 x 5 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

August 20, 1900; At this cor. we set off 12° 26' N., on the decl. arc; and at 0^h 3^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 20' N.

August 21, 1900; At 7^h 30^m a. m., l. m. t., we set off 40° 20' N., on the lat. arc; 12° 11' N., on the decl. arc; and determine a true meridian with the solar, at the standard cor. of secs. 32 and 33, on S. bay. of Tp., which is a sandstone, 6 x 12 x 10 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

Thence we run

West, on a retracement line along S. side sec. 32.

40.30 The standard $\frac{1}{4}$ sec. cor. on S. side sec. 32, which is a limestone, 12 x 12 x 4 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears S. 34 lbs. dist.

80.64 The standard cor. of secs. 31 and 32,

retracement of 1st. Standard Parallel South, through Range 3 E. - Concluded.

Chains which is a limestone, 5 x 12 x 8 ins., above ground firmly set, and marked and witnessed as described by the surveyor general, bears S. 66 lks. dist. The course of this line is therefore S. 89° 32' W.

40.62 West, on a retracement line along S. side sec. 31. The standard # sec. cor. on S. side sec. 31, which is a boulder, 10 x 10 x 8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general, bears S. 41 lks. dist.

81.26 The standard cor. of Tps. 5 S., Rs. 2 and 3 E., heretofore described, bears S. 85 lks. dist. The course of this line is therefore S. 89° 24' W. August 21, 1900: At the noon hour the sky is overcast and solar observations are impossible.

August 21, 1900:
Boundaries of T. 5 S., R. 3 E.
Latitudes, departures, and closing errors.

Line designated	True bearing	Distance	Latitudes		Departures	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W. bdy. T. 5 S., R. 3 E.	North	160.00	160.00			
line bet. sec. 19 and 20: 20 and 21: 14 & 15	East	240.00			240.00	
line bet. Sec. 21 and 22: 15 and 16: 19 and 20: 3 and 4	N. 0° 02' E	320.00	320.00		.19	
N. bdy. T. 5 S., R. 3 E.	East	236.30			236.30	
E. bdy. T. 5 S., R. 3 E.	South	5.58		5.58		
E. bdy. T. 5 S., R. 3 E.	S. 0° 27' E	81.70		81.70	.64	
E. bdy. T. 5 S., R. 3 E.	S. 0° 15' E	80.95		80.95	.35	
E. bdy. T. 5 S., R. 3 E.	S. 0° 43' E	38.34		38.34	.48	
E. bdy. T. 5 S., R. 3 E.	S. 0° 46' E	194.30		194.30	2.60	
E. bdy. T. 5 S., R. 3 E.	South	77.60		77.60		
S. bdy. T. 5 S., R. 3 E.	West	317.45				317.45
S. bdy. T. 5 S., R. 3 E.	S. 89° 32' W	80.64		.66		80.64
S. bdy. T. 5 S., R. 3 E.	S. 89° 24' W.	81.26		.85		81.26
Convergency					.60	
Totals			480.00 479.98	479.98	481.76 479.35	479.35
Error in lat.			.02			
Error in dep.					1.87	

This township is mountainous. It is watered by Provo River and its trib-

Boundary of T. 5 S., R. 3 E. - Concluded.

ntaries.

The township is well adapted for grazing.
The township should be subdivided.

John R. Stewart.
John R. Stewart.
U. S. Deputy Surveyor

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Volume

#

R0278

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Scott P. Stewart and

John R. Stewart, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the ^{re-} survey of ~~of~~ and retracement the East boundary and fractional First Standard Parallel South of T. 5. S. R. 3 E. the Salt Lake Base and Meridian relat showing the respective capacities in which they acted:

- William Huff, Chairman.
- George H. Beasley, Chairman.
- Vasco Call, Moundman.
- Andy J. Stewart, ~~axman~~ ^{axman}, Moundman.
-, Axman.
-, Axman.
-, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Scott P. Stewart and John R. Stewart

....., United States Deputy Surveyors, ^{re} in surveying all these parts or portions of the East boundary and fractional First Standard Parallel South of T. 5. S. R. 3 E.

..... ^{of the} Salt Lake Base & Meridian meridian, State of Utah, which are represented in the foregoing field notes as having been ^{re} surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

- William Huff, Chairman.
- George A. Beasley, Chairman.
- Vasco Call, Moundman.
- Andy J. Stewart, ~~axman~~ ^{axman}, Moundman.
-, Axman.
-, Axman.
-, Flagman.

scribed and sworn to before me this 26th day of April, 1901, -189-
comm. expires March 17th 1903



Andrew J. Stewart
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

We Scott P. Stewart and John R. Stewart, United States Deputy Surveyors solemnly swear that, in pursuance of a contract received from Jacob B. Blair United States Surveyor General for Utah, bearing 26th day of January, 1899, bearing proper persons and in strict conformity with the instructions furnished by the United States General for Utah, the Manual of Surveying Instructions, and the United States, surveyed all those parts or portions of the East boundary and fractional first Standard Parallel South of T. S. S. R.

of the Salt Lake Base and meridian, in the State of Utah, which are represented foregoing field notes as having been surveyed by me, and under my direction; and we do further swear that all the corners of said survey have been established and perpetuated in strict accord the Manual of Surveying Instructions, and the special written instructions of the United States General for Utah and in the specific manner described in the field notes. the foregoing are the original field notes of such survey; and should any fraud be detected, the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Scott P. Stewart and John R. Stewart United States Deputy

Subscribed by said Scott P. Stewart and John R. Stewart, and sworn to before me this 30th day of April 1901



Edward H. Anderson U.S. Surveyor General

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, March 31, 1901

The foregoing field notes of the survey of Township 5 North Range 3 East of the Salt Lake Meridian, Utah

executed by Scott P. Stewart and John R. Stewart under his contract No. 226, dated January 26, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, surveys they describe, are hereby approved.

Edward H. Anderson United States Surveyor

I certify that the foregoing transcript of the field notes of the above-described surveys in has been correctly copied from the original notes on file in this c

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BOOK A-278

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions and Private Land Claims
of
Township No. 5 South, Range No. 3 East.

Of the *Salt Lake Base* and Meridian,
In the State of *Utah.*

AS SURVEYED BY

Scott P. Stewart and John K. Stewart, United States Deputy Surveyors.

under ^{their} ~~his~~ Contract No. *226*, dated *January 26*, 189*9*.

Survey commenced *August 13th*, 189*9*.

Survey completed *September 3rd*, 189*9*.

Survey of Private Land Claims commenced *August 6*, 189*9*.

Survey of Private Land Claims completed *August 9*, 189*9*.

Subs - *high* *42* *35-32* ✓
" *low* *11-39* ✓
" *40.65*

John J. Muckman P.L.C. high 2-22-80 ✓
John J. Muckman P.L.C. high 2-28-80 ✓
John J. Muckman P.L.C. high 1-68-34 ✓
John J. Muckman P.L.C. high 51-33 ✓
John J. Muckman P.L.C. low 7-31-27

claim 25.30 ✓

NAMES AND DUTIES OF ASSISTANTS.

William Huff, Chairman.

Joseph B. Peterson, Chairman.

George A. Beesley, Moundman.

Joe Call, Moundman.

Hugh Conover, Axman.

Andy J. Stewart, Flagman.

Fu peduiminy affidant in book B of S R E

BOOK A-278

INDEX DIAGRAM.

Township....., Range.....

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30	29	28	27	26	25
31	32	33	34	35	36

Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will lay
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the
we will report the true distances to all notable objects, and the true lengths of all lines that we
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the

_____, Chainman
_____, Chainman

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establish-
of corners, according to the instructions given us, to the best of our skill and ability, in the

_____, Moundman
_____, Moundman

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of
and other duties, according to instructions given us, to the best of our skill and ability, in the

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



I, _____, do solemnly swear that I will well
perform the duties of flagman according to instructions given me, to the best of my skill and ability,
survey of _____

Subscribed and sworn to before me this _____ }
day of _____, 189 _____ }



Subdivision of T. 5 S., R. 3 E.

Chains Survey commenced August 13, 1900; and executed with a W. and S. E. Gurley light mountain transit, No. -, with solar attachment. The horizontal limb is provided with two double verniers placed opposite to each other, reading to single minutes of arc, which is also the least count of the latitude and declination arcs.

The instrument was examined, tested on the true meridian at Salt Lake City, found correct, and was approved by the surveyor general for Utah, on May 4, 1899.

We examine the adjustments of the instrument and correct the level and collimation errors; then, to test the solar apparatus, by comparing its indications resulting from solar observations, made during a. m. and p. m. hours, with a true meridian determined by observation on Polaris, we proceed as follows:

August 13, 1900: At the cor. of secs. 19, 24, 25, and 30, on W. bdy. of Tp., heretofore described latitude $40^{\circ}22' N.$, longitude $111^{\circ}34' W.$; we set off $40^{\circ}22' N.$, on the lat. arc; $14^{\circ}37' N.$, on the decl. arc; and at $4^{\text{h}}30^{\text{m}}$ p. m., l. m. t., determine a true meridian, with the solar, and mark a point thereof on a stone firmly set in the ground, 5.00 chs. N. of the cor.

At $19^{\text{h}}59^{\text{m}}$ p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined on a plug driven in the ground, 5.00 chs. N. of the cor.

August 13, 1900.

BOOK

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains August 14, 1900: At 6^h 30^m a. m., l. m. t., we lay off the azimuth of Polaris 1° 36' to the west, and mark the true meridian thus determined, by cutting a small groove in the stone set August 13, on which the true meridian falls 0.23 ins. east of the mark determined by the solar.

At 7^h 0^m a. m., l. m. t., we set off 40° 22' N, on the lat. arc; 14° 26' N, on the decl. arc; and mark a point in the true meridian determined with the solar, by cutting a cross on the stone already set 5.00 chs. N. of our station, this mark falls 0.30 ins. east of the true meridian established by Polaris observation.

The solar apparatus by p. m. and a. m. hours, defines positions for true meridians, respectively about 0' 12" west and 0' 16" east, of the true meridian established by Polaris observation; therefore we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 7^h 30^m a. m. is N 16° 30' W; the angle thus determined, reduced by the table page 100 of the Manual, gives the mean mag. decl. 16° 24' E.

Note: The N. W. cor. of this township is rough, steep, high, and precipitous (no settlers residing thereon) and is impracticable to survey; therefore we begin at the above described cor. and run a line East 3 miles to the cor. of secs. 21, 22, 27, and 28, and thence N. 0° 02' E. 4 miles to the cor. of secs. 3, 4, 33, and 34, setting 4 sec. and sec. cors. at intervals of 4.000

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains chs. as follows:
- East, on a true line bet. secs. 19 and 30.
Over mountainous land; through dense undergrowth; descend.
 - 4.10 Bottom of hollow, 50 ft. below sec. cor., course S.; ascend.
 - 5.40 Top of ridge, 50 ft. above hollow, bears N. and S.; descend.
 - 8.18 Wash, 25 lks. wide, 10 ft. deep, course S. 20° W.
 - 20.00 Bottom of cañon, 200 ft. below ridge, course S. 25° W.; ascend.
 - 23.97 Top of ridge, 180 ft. above cañon, bears N. 15° E. and S. 15° W.; descend.
 - 27.70 Bottom of hollow, 90 ft. below ridge, course S. 15° W.; ascend.
 - 40.00 Set a quartzite stone, 18 x 10 x 6 ins., 12 in the ground, for sec. cor., marked \pm on N. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, N. of cor. Pits impracticable.
 - 41.80 Top of ridge, 300 ft. above hollow, bears N. E. and S. W.; descend.
 - 45.60 Bottom of cañon, 100 ft. below ridge, course S. 30° W.; ascend.
 - 80.00 Set a quartzite stone, 18 x 8 x 9 ins., 12 in the ground, for cor. of secs. 19, 20, 29, and 30, marked with 2 notches on S. and 5 notches on E. edges; and a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable.
- Land, mountainous.
Soil, gravelly; 3rd rate.
No timber.
Undergrowth, oak.
Good grass for grazing.
Mountainous land, or land covered
th dense undergrowth, 80.00 chs.

East, on a true line bet. secs. 20

Subdivision of J. 5 S., R. 3 E. - Continued.

Chains and 29.

Over mountainous land; through dense undergrowth; ascend.

18.50 Top of ridge, 400 ft. above sec. cor., bears N. 30° W. and S. 30° E.; descend abruptly.

40.00 Set a limestone, 15 x 9 x 9 ins., 12 ins. in the ground, for \pm sec. cor., marked \pm on N. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, N. of cor. Pits impracticable.

65.00 Bottom of cañon, 500 ft. below ridge, course S. 25° E.; ascend.

80.00 Set a limestone, 16 x 8 x 8 ins., 11 ins. in the ground, for cor. of secs. 20, 21, 25, and 29, marked with 2 notches on S. and 4 notches on E. edges; and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly and rocky; 3rd and 4th rate.

No timber.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs August 14, 1900: At this cor. we set off 14° 21' N., on the decl. arc; and at 5^h 30^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is 40° 22' N.

East, on a true line bet. secs. 21 and 28.

Over mountainous land; through dense undergrowth and scattering timber; ascend.

32.00 Top of ridge, 400 ft. above sec. cor., bears N. W. and S. E.; descend.

40.00 Set a quartzite stone, 15 x 9 x 8 ins.,

Subdivision of T. 5 S., R. 3 E. - Continued.

Chain 12 ins. in the ground, for $\#$ sec. cor., marked $\#$ on N. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. of cor. Pits impracticable.

73.00 Bottom of hollow, 600 ft. below ridge, course S. E.; ascend.

80.00 Set a quartzite stone, $14 \times 9 \times 9$ ins., 9 ins. in the ground, for cor. of secs. 21, 22, 27, and 28, marked with 2 notches on S. and 3 notches on E. edges; from which

A balsam, 10 ins. diam., bears N. 30° E., 125 lbs. dist., marked T. 5 S., R. 3 E. S. 22, B. 7.

No other trees within limits; raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable. Land, mountainous.

Soil, black loam and gravelly; 1st and 3rd rate.

Timber, scattering pine and aspen. Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 8000 chs.

N. $0^\circ 02'$ E., bet. secs. 21 and 22.

Over mountainous land; through dense undergrowth, ascend.

28.00 Top of divide ridge bet. Provo Cañon and north fork of Provo Cañon, 400 ft. above sec. cor., bears N. 80° W. and S. 80° E.; descend along east face of ridge.

40.00 Set a sandstone, $18 \times 10 \times 9$ ins., 12 ins. in the ground, for $\#$ sec. cor., marked $\#$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

80.00 Set a blue limestone, $20 \times 12 \times 10$ ins.,

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains 15 ins. in the ground, for cor. of secs. 15, 16, 21, and 22, marked S. on N. E. and 3 E. on S. E. faces; with 3 notches on S. and E. edges; from which
A pine, 30 ins. diam., bears N. 20° E., 135 lbs. dist., marked T. 5 S., R. 3 E., S. 15, B. 1.
A pine, 24 ins. diam., bears N. 50° W., 50 lbs. dist., marked T. 5 S., R. 3 E., S. 16, B. 1.
No other trees within limits; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.
Land, mountainous.
Soil, gravelly; 3rd rate.
No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 8000 chs.

August 14, 1900: At 5^h 0^m p. m., l. m. t., we set off $40^{\circ} 23' N.$, on the lat. arc; $14^{\circ} 18' N.$, on the decl. arc; at this cor., and mark the true meridian determined with the solar, by a cross on a stone firmly set in the ground, 500 chs. N. of the cor.

At 9^h 55^m p. m., l. m. t., we observe Polaris at eastern elongation, in accordance with the Manual of Instructions, and mark a point in the line thus determined, by a tack driven in a wooden plug, set in the ground, 500 chs. N. of our station.

August 14, 1900.

August 15, 1900: At 6^h 56^m a. m., l. m. t., we lay off the azimuth of Polaris $1^{\circ} 36'.5$ to the west, and mark the true meridian thus determined by cutting a small groove in the stone already set 500 chs.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains N. of our station; this mark falls 0.20 ins. East of the true meridian determined with the solar.

At 8^h 0^m a. m., l. m. t., we set off 40° 23' N. on the lat. arc; 14° 26' N. on the decl. arc; and mark the true meridian determined with the solar, by a cross on the stone already set 5.00 chs. N. of our station; this mark falls 0.31 ins. west of the true meridian established by Polaris observation.

The solar apparatus, by p. m. and a. m. observations, defines positions for true meridians, respectively about 0' 11" west and 0' 15" east of the true meridian established by Polaris observation; therefore we conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 8^h 30^m a. m. is 16° 30' W. which reduced by the table page 100 of the Manual, gives the mean mag. decl. 16° 24' E.

Thence we run N. 0° 02' E., bet. secs. 15 and 16. Over mountainous land; through dense undergrowth; and scattering timber; descend along mountain side.

33.00 Begin steep descent over ledges, bears E. and W.

37.00 Leave ledges, bears E. and W.

40.00 Set a quartzite stone, 16 x 10 x 6 ins., 11 ins. in the ground, for \pm sec. cor., marked \pm on W. face; from which

A pine, 10 ins. diam., bears N. 60° E., 30 lks. dist., marked $\frac{1}{4}$ S. 15, B. T.

A pine, 8 ins. diam., bears S. 50° W. 35 lks. dist., marked \pm S. 16, B. T.

55.75 Foot of descent, bears E. and W.; enter

Subdivision of T. 5 S., R. 3 E. - Continued

Chain cañon bottom; leave timber.
 61.80 Creek, 10 lks. wide, 6 ins. deep, in cañon
 800 ft. below sec. cor., course East.
 69.50 Begin ascent of mountain, bears E. and
 W.; enter timber; bears E. and W.
 79.20 Top of ridge, 600 ft. above cañon, bears
 N. 80° W. and S. 80° E.; descend.
 - 80.00 An aspen, 7 ins. diam. for cor. of secs.
 9, 10, 15, and 16, we mark
 T. 5 S., S. 10 on N. E.
 R. 3 E., S. 15, on S. E.
 S. 16, on S. W., and
 S. 9, on N. W. sides; with 4 notches
 on S. and 3 notches on E. sides;
 from which
 An aspen, 5 ins. diam. bears N. 40° E.
 40 lks. dist., marked T. 5 S., R. 3 E.,
 S. 10, B. J.
 An aspen, 6 ins. diam., bears S. 50°
 E., 30 lks. dist., marked T. 5 S., R. 3 E.,
 S. 15, B. J.
 An aspen, 5 ins. diam., bears S. 20°
 W., 30 lks. dist., marked T. 5 S., R. 3 E.,
 S. 16, B. J.
 An aspen, 5 ins. diam., bears N. 20° W.
 40 lks. dist., marked T. 5 S., R. 3 E.,
 S. 9, B. J.
 Land, mountainous.
 Soil, gravelly loam and rocky; 2nd
 and 4th rate.
 Timber, pine and aspen.
 Undergrowth, oak and maple.
 Good grass for grazing.
 Mountainous land, or land
 covered with dense undergrowth.
 80.00 chs.

N. 0° 02' E., bet. secs. 9 and 10.

Over mountainous land, through

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains
 25.00 heavy aspen timber; descend.
 Bottom of hollow, 200 ft. below sec.
 cor. course E.; ascend.

40.00 An aspen, 6 ins. diam., for \neq sec. cor.,
 we mark \neq S. 10, on E., and S. 9 on W.
 sides; from which
 An aspen, 6 ins. diam., bears S.
 70° E., 20 lks. dist., marked \neq S. 10, B. J.
 An aspen, 7 ins. diam., bears N. 80°
 W., 40 lks. dist., marked \neq S. 9, B. J.

61.82 Top of ridge, 200 ft. above hollow, bears
 E. and W.; descend.

70.60 Bottom of north fork of Provo Cañon,
 300 ft. below ridge; course S. E.; ascend.

80.00 Set a quartzite stone, 18 x 8 x 8 ins., 12
 ins. in the ground, for cor. of secs.
 3, 4, 9, and 10, marked with 5 notches
 on S. and 3 notches on E. edges;
 from which
 An aspen, 6 ins. diam., bears
 S. 10° E., 35 lks. dist., marked
 T. 5 S., R. 3 E., S. 10, B. J.
 An aspen, 8 ins. diam., bears
 S. 15° W., 40 lks. dist., marked
 T. 5 S., R. 3 E., S. 9, B. J.

No other trees within limits;
 raise a mound of stone, 2 ft. base,
 1/2 ft. high, W. of cor. Pits impracticable.
 Land, mountainous
 Soil, black loam and gravelly;
 1st and 3rd rate.
 Timber, pine and aspen.
 Undergrowth, oak and maple.
 Good grass for grazing.
 Mountainous or heavily timbered
 land, 8000 chs.

August 15, 1900: At this cor. we set
 off 14° 02' N., on the decl. arc; and at
 0^h 3^m p. m., l. m. t., observe the sun
 on the meridian, the resulting lat

Subdivision of T. 5 S., R. 3 E. - Continued.

Chain is $40^{\circ} 24' N.$

$N. 0^{\circ} 02' E.$, bet. secs. 3 and 4.

Over mountainous land; through dense undergrowth; ascend.

18.00 Top of ridge, 150 ft. above sec. cor., bears $N. 60^{\circ} E.$ and $S. 60^{\circ} W.$; descend.

26.00 Creek, 3 lks. wide, 2 ins. deep, in cañon, 100 ft. below ridge, course $S. 60^{\circ} W.$; ascend gradually through scattering timber, bears E. and W.

40.00 Set a quartzite stone, $18 \times 9 \times 8$ ins., 12 ins. in the ground, for \pm sec. cor., marked \pm on W. face; from which

An aspen, 10 ins. diam., bears $N. 85^{\circ} E.$, 12 lks. dist., marked \pm S. 3, B. J.

An aspen, 4 ins. diam., bears $W. 8$ lks. dist., marked \pm S. 4, B. J.

- 80.00 Set temp. cor. of secs. 3, 4, 33, and 34.

Land, mountainous.

Soil, black loam; 1st rate.

Timber, pine and aspen

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 80.00 chs.

Note: This temp. cor. is afterwards established as a permanent cor.; for reasons, and description of cor., see N. bdy of this Sp. Book K. August 15 1900.

August 22, 1900: At 7^h 30^m a. m., l. m. t., we set off $40^{\circ} 22' N.$, on the lat. arc; $11^{\circ} 51' N.$, on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 19, 20, 29, and 30.

Thence we run

$S. 0^{\circ} 01' W.$, bet. secs. 29 and 30.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chain Over mountainous land; through dense undergrowth; descend.
 40.00 Set a sandstone, 18 x 9 x 8 ins., 12 ins. in the ground, for \pm sec. cor., marked \pm on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 80.00 Set a quartzite stone, 18 x 8 x 8 ins., 12 ins. in the ground, for cor. of secs. 29, 30, 31, and 32, marked with 1 notch on S. and 5 notches on E. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
 Land, mountainous.
 Soil, gravelly; 2nd rate.
 No timber.
 Undergrowth, oak.
 Good grass for grazing.
 Mountainous land, or land covered with dense undergrowth, 80.00 chs.

West, on a random line bet. secs. 30 and 31.

40.00 Set temp. \pm sec. cor.

80.08 Intersect W. bdy. of Tp. at the cor. of secs. 25, 30, 31, and 36, heretofore described. Thence we run East, on a true line bet. secs. 30 and 31. Across small basin; through dense undergrowth.

2.00 Leave basin, bears N. and S.; descend.

38.45 Bottom of hollow, 100 ft. below sec. cor., course S. 10° W.; ascend.

40.04 Set a quartzite stone, 16 x 8 x 6 ins., 11 ins. in the ground; for \pm sec. cor., marked \pm on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. base, N. of cor. Pits impracticable.

80.08 The cor. of secs. 29, 30, 31, and 32.

Subdivision of T. 5 S., R. 3 E. - Continued

Chains Land, mountainous.
 Soil, gravelly; 3rd rate.
 No timber.
 Undergrowth, oak.
 Good grass for grazing.
 Mountainous land, or land covered
 with dense undergrowth, 80.08 chs.
 August 22, 1900: At this cor. we set
 off $11^{\circ} 46' N.$, on the decl. arc; and at
 4^m p. m., l. m. t., observe the sun
 on the meridian, the resulting
 lat. is $40^{\circ} 21' N.$

Note: Knowing from former con-
 nections that the line bet. secs.
 31 and 32 will not close within
 the prescribed limits we run
 $S. 0^{\circ} 01' W.$, on a true line bet. secs.
 31 and 32.

Over mountainous land; through
 dense undergrowth; descend gently
 4 0.00 Set a sandstone, $16 \times 14 \times 6$ ins., 11 ins. in
 the ground, for \neq sec. cor., marked
 \neq on W. face; and raise a mound of
 stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Pits impracticable.

40.10 Bottom of hollow, 300 ft. below sec.
 cor., course $S. 80^{\circ} E.$; ascend.

49.90 Top of ridge, 100 ft. above hollow,
 bears N. W. and S. E.; descend.

67.70 Alta Canal, 10 lks. wide, 18 ins. deep,
 course $N. 70^{\circ} W.$

79.16 Intersect the 1st Standard Parallel
 South, 126 chs. $S. 89^{\circ} 24' W.$, from the
 Standard cor. of secs. 31 and 32, her-
 tofore described.

Set a limestone, $16 \times 7 \times 7$ ins., 11 ins. in
 the ground, for closing cor. of secs.
 31 and 32, marked c.c. on N.; with 5

Subdivision of T. 5 S., R. 5 E. - Continued.

Chains grooves on E. and 1 groove on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
 Note; We destroy all marks on standard cor. of secs. 31 and 32, which pertain to secs 31 and 32.
 Land, mountainous.
 Soil, gravelly loam; 2nd rate.
 No timber.
 Undergrowth, oak.
 Good grass for grazing.
 Mountainous land, or land covered with dense undergrowth, 79.16 chs.
 August 22, 1900.

August 23, 1900; at 7^h 30^m a. m., l. m. t., we set off 40° 22' N., on the lat. arc; 11° 30' N., on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 20, 21, 28, and 29,

Thence we run

S. 0° 02' W; bet. secs. 28 and 29.

Over mountainous land; through scattering timber and undergrowth; descend.

32.00 Bottom of cañon, 500 ft. below cor., course S. 30° E.; ascend.

40.00 Set a limestone, 18 x 10 x 7 ins., 12 ins. in the ground, for \neq sec. cor., marked \neq on W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

55.00 Top of ridge, 650 ft. above cañon, bears N. 80° W. and S. 80° E.; descend.

80.00 Set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for cor. of secs. 28, 29, 32, and 33, marked with 1

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains notch on S. and 4 notches on E. edges,
from which

A mahogany, 14 ins. diam. bears N. 67° E.
56 lbs. dist., marked T. 5 S., R. 3 E., S. 28, B. J.

A mahogany, 6 ins. diam., bears S. 50° E.
22 lbs. dist., marked T. 5 S., R. 3 E. S. 33, B. J.

A mahogany, 12 ins. diam., bears S. 77° W.
100 lbs. dist., marked T. 5 S., R. 3 E. S. 32, B. J.

A mahogany, 8 ins. diam., bears N. 88° W., 50
lbs. dist., marked T. 5 S., R. 3 E. S. 29, B. J.

Land, mountainous.

Soil, gravelly loam and rocky; 2nd
and 4th rate.

Timber, scattering mahogany.

Undergrowth, oak.

Good grass for grazing.

Mountainous land, or land covered
with dense undergrowth, 80.00 chs.

August 23, 1900: At the noon hour the
sky is overcast and solar observations
are impossible.

West, on a random line bet. secs. 29 and 32

40.00 Set temp. & sec. cov.

80.10 Intersect N. and S. line, 10 lbs. N. of
the cov. of secs. 29, 30, 31, and 32.

Thence we run

N. 89° 56' E., on a true line bet. secs. 29
and 32.

Over mountainous land; through
dense undergrowth; ascend.

40.05 Set a sandstone, 16 x 8 x 5 ins., 11 ins.
in the ground, for & sec. cov.,
marked & on N. face; and raise
a mound of stone, 2 ft. base, 1/2 ft.
high, N. of cov. Pits impracticable.

67.10 Foot of perpendicular cliff 100 ft. high,
bears N. and S.

70.00 Top of ridge, 600 ft. above sec. cov.,

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	bears N. and S.; descend.
77.00	Bottom of hollow, 100 ft. below ridge, course S.; ascend.
80.10	The cor. of secs. 28, 29, 32, 33. Land, mountainous. Soil, gravelly loam and rocky; 2nd and 3rd rate. No timber. Undergrowth, oak. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.10 chs.

Note: For reasons already explained we run

S. $0^{\circ}02'$ W; on a true line bet. secs. 32 and 33.

Over mountainous land; through dense undergrowth; descend abruptly.

35.00 Foot of steep descent, bears E. and W.; thence descend gradually.

40.00 Set a quartzite stone, $18 \times 10 \times 8$ ins., 12 ins. in the ground, for $\#$ sec. cor., marked $\#$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

50.95 Bottom of hollow, 100 ft. below $\#$ sec. cor., course S. E.; ascend.

67.34 Top of ridge, 100 ft. above hollow, bears N. W. and S. E.; descend.

75.15 Alta Canal, 4 lks. wide, 12 ins. deep, course N. 60° W.

78.50 Intersect 1st Standard Parallel South, 1.90 chs. S. $89^{\circ}32'$ W. from the Standard cor. of secs. 32 and 33, heretofore described.

Set a quartzite stone, $22 \times 14 \times 8$ ins., 16 ins. in the ground, for closing cor. of secs. 32 and 33, marked C.C. on N.; with 4 grooves on E. and 2

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains grooves on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high; N. of cor. Pits impracticable.
 Note: We destroy all marks on the Standard cor. of secs. 32 and 33, which pertain to secs. 32 and 33.
 Land, mountainous.
 Soil, gravelly loam and rocky; 2nd and 4th rate.
 No timber.
 Undergrowth, oak.
 Good grass for grazing.
 Mountainous land, or land covered with dense undergrowth, 78.50 chs.
 August 23, 1900.

August 24, 1900: at 8^h 30^m a. m., l. m. t., we set off 40° 22' N, on the lat. arc; 11° 09' N, on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 21, 22, 27, and 28.
 Thence we run
 S. 0° 02' W, bet. secs. 27 and 28.
 Over mountainous land; through dense undergrowth and scattering pine and aspen timber; descend.
 6.00 Bottom of hollow, 200 ft. below sec. cor., course S. E.; ascend.
 9.40 Top of ridge, 250 ft. above hollow, bears E. and W.; leave timber, bears with ridge; descend.
 25.50 Bottom of hollow, 400 ft. below ridge, course E.; ascend.
 31.50 Top of ridge, 300 ft. above hollow, bears N. 55° W, and S. 55° E.; descend.
 40.00 Set a quartzite stone, 15 X 10 X 10 ins., 1.0 ins. in the ground, for \dagger sec. cor., marked \dagger on W. face; from which a mahogany, 12 ins. diam., bears

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	N. 40° E., 45 lks. dist., marked # S. 27, B. J. A mahogany, 8 ins. diam., bears W., 13 lks. dist., marked # S. 28, B. J.
40.20	Top of perpendicular cliff 200 ft. high, bears E. and W.; thence descend abruptly over ledges.
70.50	Leaves ledges, bears E. and W.; continue descent.
80.00	Set a quartzite stone, 14 X 10 X 8 ins., 9 ins. in the ground, for cor. of secs. 27, 28, 33, and 34, marked with 1 notch on S. and 3 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, loam and rocky; 2nd and 4th rate. Timber, scattering pine and aspen. Undergrowth, oak, maple, and mahogany. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. August 24, 1900: At the noon hour the sky is overcast and solar observations are impossible.
	West, on a random line bet. secs. 28 and 33.
40.00	Set temp. # sec. cor.
79.60	Intersect N. and S. line, 8 lks. N. of the cor. of secs. 28, 29, 32, and 33. Thence we run N. 89° 57' E., on a true line bet. secs. 28 and 33. Over mountainous land; through dense undergrowth and scattering mahogany timber; ascend.
2425	Top of ridge, 300 ft. above sec. cor.,

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains bears N. 20° W. and S. 20° E.; also top of perpendicular cliff 200 ft. high; descend abruptly over a series of ledges
- 30.30 Leave ledges, bears N. and S.
- 39.50 Set a quartzite stone, 16 x 10 x 8 ins., 11 ins. in the ground, for \neq sec. cov., marked \neq on N. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cov. Pits impracticable.
- 49.10 Creek, 5 lks. wide, 8 ins. deep, rapid current, in cañon, 1500 ft. below ridge, course S. 10° E.; ascend.
- 59.00 Top of ridge, 600 ft. above cañon, bears N. 10° E. and S. 10° W.; also top of perpendicular cliff 200 ft. high; descend.
- 79.60 The cov. of secs. 27, 28, 33, and 34.
Land, mountainous.
Soil, gravelly and rocky; 3rd and 4th rate.
Timber, scattering mahogany.
Undergrowth, oak.
Good grass for grazing.
Mountainous land, or land covered with dense undergrowth, 79.60 chs.

Note: For reasons already explained we run S. 0° 02' W. on a true line bet. secs. 33 and 34.

Over mountainous land; through dense undergrowth; descend.

- 29.77 The Telluride Power and Transmission Co.'s flume, 10 lks. wide, 6 ft. deep, course S. 45° W.
- 35.25 Road in Provo Cañon, bears N. 70° E. and S. 70° W.
- 37.00 The right bank of Provo River, 2 ft. deep, course S. 70° W.
- 39.10 The left bank of Provo River,

Sub-division of T. 5 S., R. 3 E. - Continued.

Chain course S. 70° W.; ascend.

39.85 The R. G. W. Railway track, bears N. 70° E. and S. 70° W.

40.00 Set a quartzite stone, 20x9x5 ins., 15 ins. in the ground, for \pm sec. cor., marked \pm on W. face; from which a cottonwood, 12 ins. diam., bears S. 78° 10' E., 67 lbs. dist., marked \pm S. 34, B. J.

No other trees within limits; raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.

40.25 Telegraph line, bears N. 70° E. and S. 70° W.

50.60 Foot of Bridal Veil falls, (a perpendicular cliff 200 ft. high, over which water falls) bears E. and W.; ascend abruptly over ledges. Enter scattering timber, bears E. and W.

78.79 Intersect 1st Standard Parallel South, 254 Chs. West of the Standard cor. of secs. 33 and 34, which is a limestone, 5x12x8 ins., above ground, firmly set, and marked and witnessed as described by the surveyor general.

Set a granite stone, 16x9x9 ins., 11 ins. in the ground, for closing cor. of .33 and 34, marked C.C. on N.;

th 3 grooves on E. and 3 grooves on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.

Note: We destroy all marks on the Standard cor. of secs. 33 and 34, which pertain to secs. 33 and 34.

Land, mountainous.

oil, gravelly and rocky; 3rd and 4th rate.

No timber, scattering pine.

th, oak and maple.

Good grass for grazing.

tainous land, or land covered

Sub-division of T. 5 S., R. 3 E. - Continued.

Chains with dense undergrowth, 78.79 chs.
August 24, 1900.

August 25, 1900: At 9^h30^m a. m., l. m. t., we set off $40^{\circ}25'N$, on the lat. arc; $10^{\circ}47'N$, on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 2, 3, 34, and 35, heretofore described. Thence we run

$S.0^{\circ}03'W$, bet. secs. 2 and 3.

Over mountainous land; through scattering aspen timber; ascend.

- 14.85 Top of divide ridge bet. north fork of Provo Cañon and Deer Creek Cañon, 20 ft. above sec. cor., bears N. W. and S. E., descend.
- 30.00 Leave timber and enter dense undergrowth, bears E. and W.
- 36.05 Leave undergrowth and enter heavy timber, bears E. and W.
- 40.00 An aspen, 4 ins. diam., for \neq sec. cor., we mark \neq S. 2, on E., and S. 3 on W. sides; from which
 An aspen, 5 ins. diam., bears S. $85^{\circ}E$, 4 lbs. dist., marked \neq S. 2, B. J.
 An aspen, 5 ins. diam., bears N. $60^{\circ}W$, 25 lbs. dist., marked \neq S. 3, B. J.
- 51.25 Leave timber and enter dense undergrowth, bears E. and W.
- 73.95 Leave undergrowth and enter scattering timber, bears E. and W.
- 75.90 Leave timber and enter dense undergrowth, bears E. and W.
- 80.00 Set a blue limestone, $20 \times 8 \times 8$ ins., 15 ins. in the ground, for cor. of secs. 2, 3, 10, and 11, marked with 5 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	<p>Land, mountainous. Soil, black loam and gravelly; 1st and 3rd rate. Timber, aspen. Undergrowth, oak and sage. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 8000 chs. August 25, 1900: At this cor. we set off $10^{\circ}45'$ N., on the decl. arc; and at 5^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ}24'$ N.</p>
	<p>West, on a random line bet. secs. 3 and 10.</p>
40.00	<p>Set temp. & sec. cor.</p>
80.02	<p>Intersect N. and S. line at the cor. of secs. 3, 4, 9, and 10.</p>
	<p>Thence we run East, on a true line bet. secs. 3 and 10. Over mountainous land; through dense undergrowth; ascend.</p>
27.00	<p>Top of ridge, 200 ft. above sec. cor., bears N. and S.; enter scattering timber, bears N. and S. Descend.</p>
40.01	<p>Set a quartzite stone, 20x12x6 ins., 15 ins. in the ground, for & sec. cor., marked & on N. face; from which An aspen, 5 ins. diam., bears N. 5° E., 21 lks. dist., marked & S. 3, B. T. An aspen, 10 ins. diam. bears S. 25° W., 18 lks. dist., marked & S. 10, B. T.</p>
66.40	<p>Bottom of hollow, 300 ft. below ridge course S. Leave timber, bears N. and S. Ascend.</p>
- 80.02	<p>The cor. of secs. 2, 3, 10, and 11. Land, mountainous.</p>

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	<p>Soil, black and gravelly loam; 1st and 2nd rate. Timber, scattering aspen. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.02 chs.</p>
	<p>S. 0° 03' W., bet. secs. 10 and 11. Over mountainous land; through dense undergrowth; descend.</p> <p>23.00 Foot of descent, 300 ft. below sec. cor., bears N. 10° W. and S. E. Thence across flat</p> <p>27.00 Leave undergrowth and enter heavy aspen timber, bears N. W. and S. E.</p> <p>40.00 Set a quartzite stone, 18 x 9 x 8 ins., 12 ins. in the ground, for \neq sec. cor., marked \neq on W. face; from which</p> <p style="padding-left: 40px;">An aspen, 6 ins. diam., bears S. 50° E., 20 lks. dist., marked \neq S. 11, B. J.</p> <p style="padding-left: 40px;">An aspen, 8 ins. diam., bears N. 30° W., 26 lks. dist., marked \neq S. 10, B. J.</p> <p>43.64 Leave timber and enter dense undergrowth, bears E. and W.</p> <p>49.60 Leave flat, bears N. 45° W. and S. 45° E.; descend.</p> <p>61.80 Creek, 15 lks. wide, 6 ins. deep, in north fork of Provo Cañon, 250 ft. below flat, course S. 10° E. Enter heavy aspen timber, bears with cañon. Ascend.</p> <p>76.95 Leave timber, bears E. and W.</p> <p>79.20 Top of ridge, 200 ft. above cañon, bears E. and W.; descend.</p> <p>- 80.00 Set a quartzite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for cor. of secs. 10, 11, 14, and 15, marked with 4 notches on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable.</p>

Subdivision of T. 5 S., R. 3 E. - Continued. 6

Chains Land, mountainous and nearly level.
 Soil, black loam and gravelly; 1st
 and 3rd rate.
 Timber, aspen.
 Undergrowth, oak and maple.
 Good grass for grazing.
 Mountainous or heavily timbered
 land, or land covered with dense
 undergrowth, 80.00 chs.
 August 25, 1900.

August 27, 1900; At 7^h 30^m a.m., l. n. i. t.
 we set off 40° 23' N., on the lat. arc; 10°
 08' N., on the decl. arc; and determine
 a true meridian with the solar at
 the cor. of secs. 10, 11, 14, and 15.

Thence we run
 West, on a random line bet. secs.
 10 and 15.

40.00 Set temp. & sec. cor.

79.96 Intersect N. and S. line, 12 lks. S. of
 the cor. of secs. 9, 10, 15, and 16.

Thence we run
 S. 89° 55' E., on a true line bet. secs.
 10 and 15.

39.98 Over mountainous land; through
 heavy aspen timber; descend gradually
 Set a limestone, 16 x 10 x 6 ins., 11 ins. in
 the ground, for & sec. cor., marked &
 on N. face; from which

An aspen, 10 ins. diam., bears N.
 45° W., 10 lks. dist., marked & S. 10, B. J.

An aspen, 10 ins. diam., bears S.,
 5 lks. dist., marked & S. 15, B. J.

51.50 Top of ridge, bears N. 80° E. and S. 80° W.
 Descend.

77.00 Leave timber and enter dense under-
 growth, bears N. and S.

79.96 The cor. of secs. 10, 11, 14, and 15.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chain Sand, mountainous.
Soil, black loam; 1st rate.
Timber, aspen.
Undergrowth, oak and maples.
Good grass for grazing.
Mountainous or heavily timbered
land, or land covered with dense
undergrowth, 79.96 chs.

S. 0° 03' W., bet. secs. 14 and 15.

Over mountainous land; through
dense undergrowth; descend.

4.10 Creek, 10 lks. wide, 6 ins. deep, in cañon,
200 ft. below cor., course E. Enter heavy
timber, bears E. and W. Ascend.

4.40 Drag road, bears E. and W.

6.36 Top of ridge, 250 ft. above cañon, bears
E. and W.; descend.

8.90 Drag road, bears E. and W.

9.40 Spring branch, 3 lks. wide, course E.

24.55 Drag road, bears E. and W., in hollow, course E.

40.00 Set a blue limestone, 30 x 14 x 8 ins., 24
ins. in the ground, for \neq sec. cor.,
marked \neq on W. face; from which

An aspen, 10 ins. diam., bears
N. 80° E., 26 lks. dist., marked \neq S. 14, B. J.

An aspen, 10 ins. diam., bears N. 70° W.,
20 lks. dist., marked \neq S. 15, B. J.

54.78 Top of ridge, 400 ft. above cañon, bears
E. and W.; descend.

79.60 Creek, 5 lks. wide, 4 ins. deep, in Scott's
Cañon, 400 ft. below ridge, course
S. 70° E.; ascend.

80.00 Set a blue limestone, 16 x 10 x 5 ins.,
11 ins. in the ground, for cor. of secs.
14, 15, 22, and 23, marked with 3 notches
on S. and 2 notches on E. edges;
from which

An aspen, 10 ins. diam., bears

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains

N. 30° E., 10 lks. dist., marked
T. 5 S., R. 3 E., S. 14, B. J.

An aspen, 10 ins. diam., bears
S. 60° E., 55 lks. dist., marked
T. 5 S., R. 3 E., S. 23, B. J.

An aspen, 6 ins. diam., bears
S. 65° W., 20 lks. dist., marked
T. 5 S., R. 3 E., S. 22, B. J.

An aspen, 16 ins. diam., bears
N. 50° W., 15 lks. dist., marked
T. 5 S., R. 3 E., S. 15, B. J.

Land, mountainous

Soil, black and gravelly loam; 1st
and 2nd rate.

Timber, aspen.

Undergrowth, oak.

Good grass for grazing.

Mountainous or heavily timbered
land, or land covered with dense
undergrowth, 80.00 chs.

August 27, 1900; At this cor. we set off
 $10^{\circ} 03' N.$, on the decl. arc; and at 4th
4^m p. m., l. m. t., observe the sun on
the meridian the resulting lat.

$40^{\circ} 23' N.$

N. $89^{\circ} 55' W.$, on a random line bet. secs.
15 and 22.

40.00 Set temp. \neq sec. cor.

79.78 Intersect N. and S. line, 18 lks. N. of the
cor. of secs. 15, 16, 21, and 22.

hence we run

N. $89^{\circ} 57' E.$, on a true line bet. secs.
15 and 22.

Over mountainous land; through
ttering timber and undergrowth;
descend.

35.00 Bottom of cañon, 250 ft. below cor.,
course N. 20° E.; ascend.

Sub-division of T. 5 S., R. 3 E. - Continued.

Chain	
39.89	Set a limestone, 16x9x8 ins., 11 ins. in the ground, for \pm sec. cor., marked \pm on N. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, N. of cor. Pits impracticable.
52.00	Top of ridge, 300 ft. above cañon, bears N. 30° E. and S. 30° W.; descend.
- 79.78	The cor. of secs. 14, 15, 22, and 23. Land, mountainous. Soil, black loam and gravelly; 1st and 3rd rate. Timber, aspen and pine. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, 79.78 chs.
S. 0° 03' W, bet. secs. 22 and 23.	
Over mountainous land, through heavy timber; ascend.	
39.0	Top of ridge, 50 ft. above cor., bears E. and W.; descend.
7.27	Bottom of hollow, 50 ft. below ridge, course E.; ascend.
27.30	Top of ridge, 800 ft. above hollow, bears E. and W. Leave timber and enter dense undergrowth, bears E. and W. Descend.
39.85	Bottom of hollow, 800 ft. below ridge, course S. 50° E.; ascend.
40.00	Set a quartzite stone, 16x14x8 ins., 11 ins. in the ground, for \pm sec. cor., marked \pm on W. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable.
59.54	Top of ridge, 600 ft. above hollow, bears E. and W.; descend.
- 80.00	Set a blue limestone, 14x8x8 ins., 9 ins. in the ground, for cor. of secs.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains 22, 23, 26, and 27, marked with 2 notches on S. and 2 notches on E. edges, and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3rd rate. Timber, aspen. Undergrowth, oak and maple. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs. August 27, 1900.

August 28, 1900: At 7^h 30^m a. m., l. m. t., we set off 40° 22' N, on the lat. arc; 9° 46' N, on the decl. arc; and determine a true meridian with the solar, at the cor. of secs. 22, 23, 26, and 27.

Thence we run S. 89° 57' W., on a random line bet. sec. 22 and 27.

40.00 Set temp. # sec. cor.

79.66 Intersect N. and S. line at the cor. of secs. 21, 22, 27, and 28.

Thence we run N. 89° 57' E., on a true line bet. secs. 22 and 27.

Over mountainous land; through undergrowth; ascend.

3.00 Top of ridge, 15 ft. above cor., bears N. and S.; descend.

24.25 Bottom of cañon, 350 ft. below ridge, course S. 20° E.; ascend.

39.75 Foot of perpendicular cliff, 10 ft. high, bears N. W. and S. E.

39.83 et a quartzite stone, 16 X 10 X 5 ins., in the ground, for # sec. cor.,

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains marked \pm on N. face; from which
 A cedar, 14 ins. diam., bears N. 50° W.
 60 lks. dist., marked \pm S. 22, B. T.
 No other trees within limits; raise a
 mound of stone, 2 ft. base, 1½ ft. high,
 N. of cor. Pits impracticable.
- 44.38 Top of ridge, 500 ft. above canon, bears
 N. 20° W., and S. 20° E., descend.
- 65.10 Hollow, 600 ft. below ridge, course S.
 30° E.; ascend.
- 79.66 The cor. of secs. 22, 23, 26, and 27.
 Land, mountainous.
 Soil, gravelly; 3rd rate.
 No timber.
 Undergrowth, oak and maple.
 Good grass for grazing.
 Mountainous land, or land covered
 with dense undergrowth, 79.66 chs.
-
- S. 0° 03' W., bet. secs. 26 and 27.
 Over mountainous land; through
 dense undergrowth; descend.
- 20.90 Bottom of hollow; 500 ft. below sec.
 cor., course S. 30° E.; ascend.
- 31.50 Top of ridge, 350 ft. above hollow, bears
 N. 80° W., and S. 80° E.; descend.
- 37.00 Bottom of hollow, 250 ft. below ridge,
 course S. E. A small spring bears
 N. W. about 500 chs. dist. Ascend.
- 40.00 Set a blue limestone, 16 x 8 x 6 ins., 11
 ins. in the ground, for \pm sec. cor.,
 marked \pm on W. face; and raise
 a mound of stone, 2 ft. base, 1½ ft.
 high, W. of cor. Pits impracticable.
- 46.67 Top of ridge, 30 ft. above hollow, bears
 N. 30° W. and S. 30° E.; descend.
- 55.31 The Telluride Power Co.'s South Fork flume
 15 lks. wide, 2 ft. deep, course S. 55° W.
- 55.45 Road in Provo Cañon, bears N. E. and S. W.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	Foot of descent, bears N.E. and S.W.
55.92	Right bank of Provo River, 3 ft. deep, course S.W.
57.30	Left bank of Provo River, course S.W.
60.45	The R. G. W. Railway track, bears N.E. and S.W. Begin ascent, bears N.E. and S.W.
61.05	Telegraph line, bears N.E. and S.W.
80.00	Set a blue limestone, 15 x 10 x 8 ins., 12 ins. in the ground, for cor. of secs. 26, 27, 34, and 35, marked with 1 notch on S. and 2 notches on E. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly; 3rd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. August 28, 1900; At the noon hour the sky is overcast and solar observations are impossible.
	S. 89° 57' W., on a random line bet. secs. 27 and 34.
40.00	Set temp. \mp sec. cor.
79.54	Intersect N. and S. line, 10 lbs. N. of the cor. of secs. 27, 28, 33, and 34. Thence we run N. 89° 53' E., on a true line bet. secs. 27 and 34. Over mountainous land; through dense undergrowth, descend gradually.
39.77	Set a blue limestone, 14 x 12 x 8 ins., 9 ins. in the ground, for \mp sec. cor., marked \mp on N. face; and raise

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable.
- 41.75 The Telluride Power and Transmission Company's dam, bears S. 56° 40' E., about 6.50 chs. dist.
- 53.90 Road in Provo Cañon, bears N. E. and S. 60° W. Foot of descent, bears N. E. and S. 60° W.
- 54.90 The Telluride Power and Transmission Co.'s South Fork flume, bears N. E. and S. 60° W.
- 55.00 Right bank of Provo River, 6 ft. deep, sluggish current, course S. 60° W.
- 56.68 Left bank of Provo River, course S. 60° W.
- 57.02 The R. G. W. Railway track, bears N. 60° E. and S. 60° W. Ascend abruptly.
- 57.60 Telegraph line, bears N. 60° E. and S. 60° W.
- 79.54 The cor. of secs. 26, 27, 34, and 35. Land, mountainous. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 79.54 chs.

Note: For reasons already explained we run S. 0° 03' W., on a true line bet. secs. 34 and 35.

- Over mountainous land; through dense undergrowth; ascend.
- 3.75 Top of ridge, 100 ft. above sec. cor., bears N. 80° W. and S. E.; descend.
- 15.15 Bottom of hollow, 50 ft. below ridge, course N. 80° W.; ascend abruptly.
- 31.80 Top of ridge, 1000 ft. above hollow, bears N. W. and S. E.; descend.
- 40.00 Set a quartzite stone, 20 x 8 x 6 ins., 15 ins. in the ground, for \pm sec. cor., marked \pm on W. face; and raise

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pits impracticable. A spring bears S. 81° W. about 12.00 chs. dist.

43.95 Leave undergrowth and enter heavy pine and aspen timber, bears N. W. and S. E.

48.50 Bottom of cañon, 200 ft. below ridge course N. 62° W.; ascend.

79.05 Intersect 1st Standard Parallel South, 3.16 chs. W. of the Standard cor. of secs. 34 and 35, which is a white balsam 12 inches in diameter, and marked and witnessed as described by the surveyor general.

Set a sandstone, 18 x 9 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 34 and 35, marked C.C. on N.; with 2 grooves on E. and 4 grooves on W. faces; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Note: We destroy all marks on the standard cor. of secs. 34 and 35, which pertain to secs. 34 and 35.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

Timber, pine and aspen.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.05 chs.

August 28, 1900.

August 29, 1900: 9^h 0^m a.m., l.m.t., we set off 40° 25' N, on the lat. arc;

Subdivision of T. 5 S., R. 3 E. - Continued

- Chain ^{90° 23' N., on the declination arc;} and determine a true meridian with the solar at the cor. of secs. 12, 35, and 36 on N. bdy. of T. p., heretofore described. Thence we run S. 0° 04' W.; bet. secs. 1 and 2. Over mountainous land; through dense undergrowth; descend.
- 14.70 Bottom of hollow, 200 ft. below cor., course E.; ascend.
- 33.90 Top of ridge, 200 ft. above hollow, bears E. and W.; descend.
- 38.58 Bottom of hollow, 80 ft. below ridge, course E.; ascend.
- 40.00 Set a quartzite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for \pm sec. cor., marked \pm on W. face; and raise a mound of stone 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable.
- 64.85 Top of ridge, 100 ft. above hollow, bears E. and W.; descend.
- 70.90 Bottom of hollow, 150 ft. below ridge, course E.; ascend.
- 75.45 Top of ridge, 50 ft. above hollow, bears E. and W.; descend.
- 80.00 Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for cor. of secs. 1, 2, 11, and 12, marked with 5 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1/2 ft. high, W. of cor. Pits impracticable. Land, mountainous. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 80.00 chs. August 29, 1900: At this cor. we set off 9° 20' N., on the decl. arc; and at 0^h 2^m p. m., l. m. t., observe the sun on the meridian, the resulting lat.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chain is $40^{\circ} 24' N$.

West, on a random line bet. secs. 2 and 11.

40.00 Set temp. \pm sec. cor.

79.96 Intersect N. and S. line, 5 lbs. S. of the cor. of secs. 2, 3, 10, and 11.

Thence we run

S. $89^{\circ} 58' E$, on a true line bet. secs. 2 and 11.

Over mountainous land; through dense undergrowth; ascend.

26.36 Top of divide ridge bet. Deer Creek Cañon and north fork of Provo Cañon, 200 ft. above cor., bears N. and S. $20^{\circ} E$; descend.

39.98 Bottom of hollow, 100 ft. below ridge, course S. $20^{\circ} E$; ascend.

Set a quartzite stone, $14 \times 8 \times 8$ ins., 9 ins. in the ground, for \pm sec. cor., marked \pm on N. face; from which

 An aspen, 4 ins. diam., bears N. $20^{\circ} W$, 5 lbs. dist., marked \pm S. 2, B. J.

 An aspen, 4 ins. diam., bears S. $60^{\circ} W$, 27 lbs. dist., marked \pm S. 11, B. J.

45.45 Top of ridge, 60 ft. above hollow, bears N. and S.; descend.

- 79.96 The cor. of secs. 1, 2, 11, and 12.

Land, mountainous.

Soil, gravelly loam and rocky; 2nd and 4th rate.

No timber.

Undergrowth, oak, maple, and aspen.

Good grass for grazing.

Mountainous land; orland covered with dense undergrowth, 79.96 chs.

Note: Knowing from corrections

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains already made, that the line bet. secs. 1 and 12 will not intersect the E. bdy. of the T. p. within the prescribed limits we run

East, on a true line bet. secs. 1 and 12. Over mountainous land; through dense undergrowth; descend.

4000 Foot of steep descent, bears N. and S.

Set a quartzite stone, 18 x 10 x 8 ins., 12 ins. in the ground, for \pm sec. cov., marked \pm on N. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high, N. of cov. Pits impracticable. Descend gradually.

77-33 Intersect E. bdy. of T. p. 7.58 chs. N. $0^{\circ}27'$ W. from the cov. of secs. 1, 6, 7, and 12, here to fore described.

Set a blue limestone, 15 x 12 x 5 ins., 10 ins. in the ground, for closing cov. of secs. 1 and 12, marked c.c. on W.; with 1 groove on N. and 5 grooves on S. faces; and raise a mound of stone 2 ft. base, 1/2 ft. high, W. of cov. Pits impracticable.

Note: We destroy^d all marks on the cov. of secs. 1, 6, 7, and 12, which pertain to secs. 1 and 12.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 77.33 chs.

August 29, 1900.

August 30, 1900: At 7th 0th m. a. m. l. m. t., we set of $40^{\circ}24'N$, on the lat. arc; $9^{\circ}05'N$, on the decl. arc; and determine a

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains true meridian, with the solar, at the cor. of secs. 1, 2, 11, and 12.
 Thence we run
 S. $0^{\circ}04'$ W., bet. secs. 11 and 12.
 Over mountainous land; through dense undergrowth; descend.
- 2.7 0 Bottom of hollow, 25 ft. below sec. cor., course E.; ascend.
- 7.2 5 Top of ridge, 100 ft. above hollow, bears E. and W.; descend.
- 25.4 5 Bottom of hollow, 250 ft. below ridge, course E.; ascend.
- 34.4 5 Top of ridge, 120 ft. above hollow, bears E. and W.; descend.
- 40.0 0 Set a quartzite stone, 18 x 12 x 6 ins., 12 ins. in the ground, for $\#$ sec. cor., marked $\#$ on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
- 66.3 5 Enter heavy aspen timber, bears E. and W.
- 73.9 5 Bottom of hollow, 400 ft. below ridge, course S. 30° E.; ascend.
- 80.0 0 Set a quartzite stone, 18 x 8 x 6 ins., 12 ins. in the ground, for cor. of secs. 11, 12, 13, and 14, marked with 4 notches on S. and 1 notch on E. edges; from which
 An aspen, 4 ins. diam., bears N. 30° E., 34 lks. dist., marked T. 5 S., R. 3 E., S. 12, B. J.
 An aspen, 4 ins. diam., bears S. 75° E., 32 lks. dist., marked T. 5 S., R. 3 E., S. 13, B. J.
 An aspen, 5 ins. diam., bears S. 60° W., 50 lks. dist., marked T. 5 S., R. 3 E., S. 14, B. J.
 An aspen, 4 ins. diam., bears N. 46° W., 36 lks. dist., marked T. 5 S., R. 3 E., S. 11, B. J.

Land, mountainous.

Sub-division of T. 5 S., R. 3 E. - Continued.

Chains Soil, black and gravelly loam; 1st and 2nd rate.
 Timber, aspen.
 Good grass for grazing.
 Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

- N. 89° 58' W., on a random line bet. secs. 11 and 14.
- 40.00 Set temp. & sec. cor.
- 79.88 Intersect N. and S. line, 6 lks. N. of the cor. of secs. 10, 11, 14, and 15.
 Thence we run N. 89° 59' E., on a true line bet. secs. 11 and 14.
 Over mountainous land, through dense undergrowth; descend.
- 10.50 Enter bottom of north fork of Provo Cañon, bears N. W. and S. E.
- 12.10 Road in cañon, bears N. W. and S. E.
- 15.00 Creek, 10 lks. wide, 6 ins. deep, rapid current, rocky bottom, in bottom of cañon, course S. E.
- 18.00 Leave cañon, bears N. W. and S. E.; ascend.
- 39.40 Foot of perpendicular cliff 100 ft. high, bears N. and S.
- 39.94 Set a limestone, 20 x 12 x 9 ins., 15 ins. in the ground, for & sec. cor., marked & on N. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. of cor. Pits impracticable. Descend abruptly.
- 56.20 Top of ridge, 600 ft. above cañon, bears N. and S.; descend.
- 65.00 Enter heavy aspen timber, bears N. and S.
- 79.88 The cor. of secs. 11, 12, 13, and 14.
 Land, mountainous.
 Soil, gravelly and rocky, 3rd and

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	<p>4th rate Timber, aspen. Undergrowth, oak and maple. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.58 chs. August 30, 1900: At this cor. we set off $8^{\circ} 59' N.$, on the decl. arc; and at 0^h 3^m p. m., l. m. t., observe the sun on the meridian, the result- ing lat. is $40^{\circ} 23' N.$</p>
	<p>Note: For reasons already explained we run East, on a true line bet. secs. 12 and 13. Over mountainous land; through heavy timber; descend. 4.00 Bottom of hollow, 50 ft. below cor., course $S. 30^{\circ} E.$ Leave timber and enter dense undergrowth, bears with carrow; ascend. 10.60 Top of ridge, 200 ft. above hollow, bears $N.$ and $S. 30^{\circ} E.$; descend. 33.30 Enter scattering aspen timber, bears $N.$ and $S.$ 40.00 Set a quartzite stone, $18 \times 12 \times 5$ ins., 12 ins. in the ground, for $\#$ sec. cor., marked $\#$ on $N.$ face; from which An aspen, 6 ins. diam., bears $N.$ $15^{\circ} W.$, 10 lbs. dist., marked $\# S. 12, B. J.$ An aspen, 18 ins. diam., bears $S. 3^{\circ}$ $E.$, 15 lbs. dist., marked $\# S. 13, B. J.$ 43.90 Leave timber, bears $N.$ and $S.$ 57.64 Intersect boundary of John W. Hoover's private land claims, 11.72 chs. $N.$ of angle cor. No. 2, set a</p>

Sub-division of T. 5 S., R. 3 E. - Continued

Chains quartzite stone, 18 x 9 x 8 ins., 12 ins. in the ground, for closing cor. of secs. 12 and 13, marked C.C. on W. and J.W. H. on E. faces; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

66.25 Fence, bears N. 20° W. and S. 20° E.

Leave undergrowth and enter meadow land, At foot of mountain.

77.64 Intersect E. bdy. of Tp. 8.72 chs. N. 0° 15' W. of the cor. of secs. 7, 12, 13, and 18, heretofore described.

66.25
11.39

Set a quartzite stone, 14 x 10 x 9 ins., 9 ins. in the ground, for closing cor. of secs. 12 and 13, marked C.C. on W.; with 2 grooves on N. and 4 grooves on S. faces; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Note: We destroy all marks on the cor. of secs. 7, 12, 13, and 18, which pertain to secs. 12 and 13.

Land, mountainous and level.

Soil, clay and gravelly loam; 2nd rate.

Timber, aspen.

Undergrowth, oak, maple, and choke cherry.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 66.25 chs.

From the cor. of secs. 11, 12, 13, and 14.

We run

S. 0° 04' W., bet. secs. 13 and 14.

Over mountainous land; through heavy aspen timber; ascend gradually along E. face of mountain.

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains
- 31.50 Leave timber and enter dense undergrowth, bears N. W. and S. E.
- 40.00 Set a sandstone, 20 x 10 x 8 ins., 15 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.
- 45.15 Top of ridge, 200 ft. above sec. cor., bears N. 20° W. and S. 20° E.; descend.
- 49.70 Leave undergrowth and enter heavy aspen timber, bears E. and W.
- 50.00 Set a quartzite stone, 16 x 10 x 5 ins., 11 ins. in the ground, for cor. of sec. 13, 14, 23, and 24, marked with 3 notches on S. and 1 notch on E. edges; from which

An aspen, 6 ins. diam., bears N. 30° E., 20 lks. dist., marked T. 5 S., R. 3 E., S. 13, B. J.

An aspen, 8 ins. diam., bears S. 40° E., 6 lks. dist., marked T. 5 S., R. 3 E., S. 24, B. J.

An aspen, 5 ins. diam., bears S. 20° W., 15 lks. dist., marked T. 5 S., R. 3 E., S. 23, B. J.

An aspen, 6 ins. diam., bears N. 25° W., 16 lks. dist., marked T. 5 S., R. 3 E., S. 14, B. J.

Land, mountainous.

Soil, black and gravelly loam; 1st and 2nd rate.

Timber, aspen.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 60.00 chs.

August 30, 1900.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains

August 31, 1900: At 7^h 30^m a. m., l. m. t., we set off $40^{\circ} 23' N.$, on the lat. arc; $8^{\circ} 42' N.$, on the decl. arc; and determine a true meridian, with the solar, at the cor. of secs. 13, 14, 23, and 24.

Thence we run

S. $89^{\circ} 59' W.$, on a random line bet. secs. 14 and 23.

40.00 Set temp. \pm sec. cor.

79.76 Intersect N. and S. line, at the cor. of secs. 14, 15, 22, and 23.

Thence we run

N. $89^{\circ} 59' E.$, on a true line bet. secs. 14 and 23.

Over mountainous land; through heavy aspen timber; descend.

3.00 Creek, 5 lks. wide, 3 ins. deep, in bottom of Scott's Cañon, 20 ft. below sec. cor., course S. $60^{\circ} E.$; ascend.

22.70 Leave timber and enter dense undergrowth, bears N. and S.

39.50 Top of ridge, 400 ft. above cañon, bears N. W. and S. $20^{\circ} E.$; descend.

39.88 Set a blue limestone, $14 \times 8 \times 6$ ins., 9 ins. in the ground, for \pm sec. cor., marked \pm on N. face; and raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable.

63.60 Creek, 10 lks. wide, 6 ins. deep, rocky bottom, rapid current, in bottom of north fork of Provo Cañon, 1000 ft. below ridge, course S. $20^{\circ} E.$ Ascend gradually.

64.00 Road in cañon, bears N. $20^{\circ} E.$ and S. $20^{\circ} E.$ Ascend abruptly over ledges.

72.70 Leave ledges and begin gradual ascent, bears N. and S. Enter heavy aspen timber, bears N. and S.

79.76 The cor. of secs. 13, 14, 23, and 24.

Sub-division of T. 5 S., R. 3 E. - Continued.

Chains	<p>Sand, mountainous. Soil, gravelly loam and rocky; 2nd and 4th rate. Timber, aspen. Undergrowth, oak and maple. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 79.76 chs.</p> <hr/> <p>Note: For reasons already explained we run East; on a true line bet. secs. 13 and 24. Over mountainous land; through heavy timber; ascend.</p> <p>9.10 Leave timber and enter dense under- growth, bears N. and S.</p> <p>11.80 Top of ridge, 200 ft. above sec. cor., bears N. 20° W. and S. 20° E.; descend abruptly.</p> <p>39.85 Road in Provo Cañon, bears N. E. and S. W.</p> <p>40.00 Set a quartzite stone, 18 x 12 x 8 ins., 12 ins. in the ground, for ¼ sec. cor., marked † on N. face; from which</p> <p style="padding-left: 40px;">A cottonwood, 8 ins. diam., bears N. 5° W., 20 lbs. dist., marked † S. 13, B. J.</p> <p style="padding-left: 40px;">A cottonwood, 10 ins., diam., bears S. 30° W., 60 lbs. dist., marked † S. 24, B. J.</p> <p>A deserted log cabin bears S. 20° W., about 2.25 chs. dist.</p> <p>41.50 Telegraph line, bears N. 70° E. and S.</p> <p>41.80 The R. G. W. Railway track, bears N. 70° E. and S.</p> <p>42.45 Right bank of Provo River, 2 ft. deep, course S.</p> <p>44.00 Left bank of Provo River, course S.</p> <p>44.70 A deserted log cabin bears S. 150 lbs. dist.</p>
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Subdivision of T. 5 S., R. 3 E. - Continued.

Chains

46.20 Begin ascent, bears N. and S. Enter aspen sapplings, bears N. and S.

58.15 Top of ridge, 400 ft. above cañon, bears N. 20° W. and S. 20° E.; descend.

- 78.78 Intersect E. bdy. of Tp. 6.21 chs. N. 0° 46' W. of the cor. of secs. 13, 18, 19, and 24, heretofore described.

Set a limestone, 22 x 14 x 5 ins., 16 ins. in the ground, for closing cor. of secs. 13 and 24, marked C. C. on W.; with 3 grooves on N. and 3 grooves on S. faces; and raise a mound of stone, 2 ft.

base, 1/2 ft. high, W. of cor. Pits impracticable. Note: We destroy all marks on the cor. of secs. 13, 18, 19, and 24, which pertain to secs. 13 and 24.

Land, mountainous.

Soil, black loam and gravelly; 1st and 3rd rate.

Timber, aspen.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous or heavily timbered land, or land covered with dense undergrowth, 78.78 chs.

August 31, 1900; at the noon hour the sky is overcast and solar observations are impossible.

S. 0° 04' W, bet. secs. 23 and 24.

Over mountainous land; through heavy timber; along side of mountain; ascend.

11.70 Leave timber and enter dense undergrowth, bears E. and W.

15.15 Top of ridge, 50 ft. above sec. cor., bears E. and W.; descend.

36.00 Enter ledges, bears E. and W.

Sub-division of T. 5 S., R. 3 E. - Continued.

Chains	
37.60	Leave ledges, bears E. and W. Enter scattering cottonwood timber, bears E. and W.
40.00	Set a quartzite stone, 16 x 14 x 8 ins., 11 ins. in the ground, for $\#$ sec. cor., marked $\#$ on W. face; from which A cottonwood, 12 ins. diam., bears S. 45° E., 12 lks. dist., marked $\#$ S. 24, B. J. A cottonwood, 10 ins. diam., bears N. 30° W., 45 lks. dist., marked $\#$ S. 23, B. J.
40.30	Creek, 20 lks. wide, 8 ins. deep, rapid current, in bottom of north ^{7th} of Provo Cañon, 1000 ft. below ridge, course S. E.; ascend.
40.50	Road in cañon, bears N. W. and S. E.
51.05	Top of ridge, 400 ft. above cañon, bears N. W. and S. E.; descend.
57.25	Bottom of Scott's Cañon, 250 ft. below ridge, course E.; ascend.
64.25	Top of ridge, 500 ft. above cañon, bears E. and W.; descend.
80.00	Set a quartzite stone, 15 x 8 x 8 ins., 10 ins. in the ground, for cor. of secs. 23, 24, 25, and 26, marked with 2 notches on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor. Pts. impracticable. Land, mountainous. Soil, gravelly loam and rocky; 2nd and 4th rates. Timber, aspen. Undergrowth, oak and maple. Good grass for grazing. Mountainous or heavily timbered land, or land covered with dense undergrowth, 80.00 chs.

S. 89° 59' W., on a random line bet. secs.

Subdivision of T. 5 S., R. 3 E. - Continued.

- Chains 23 and 26.
 40.00 Set temp. \mp sec. cor.
 79.68 Intersect N. and S. line, 8 lbs. N. of
 the cor. of secs. 22, 23, 26, and 27.
 Thence we run
 N. $89^{\circ}56'$ E., on a true line bet. secs.
 23 and 26.
 Over mountainous land; through
 dense undergrowth; ascend.
 37.5 Top of ridge, 20 ft. above sec. cor., bears
 N. 10° W. and S. 10° E.; descend.
 39.84 Set a blue limestone, $16 \times 10 \times 5$ ins.,
 11 ins. in the ground, for \mp sec. cor.,
 marked $\#$ on N. face; and raise a
 mound of stone, 2 ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor. Pits impracticable.
 From this cor. J. W. Slick's house bears
 S. 3° W. about 40.00 chs. dist.
 48.00 Bottom of hollow, 600 ft. below ridge,
 course S. 20° E.; ascend.
 61.35 Top of ridge, 500 ft. above hollow,
 bears N. and S.; descend.
 - 79.68 The cor. of secs. 23, 24, 25, and 26.
 Land, mountainous.
 Soil, gravelly; 3rd rate.
 No timber.
 Undergrowth, oak and maple.
 Good grass for grazing.
 Mountainous land, or land
 covered with dense undergrowth;
 79.68 chs.

August 31, 1900.

September 1, 1900: At 8^h 0^m a. m., I
 t., we set off $40^{\circ}22'$ N., on the lat.
 arc; $8^{\circ}20'$ N., on the decl. arc,
 and determine a true meridian,
 with the solar, at the cor. of secs.
 23, 24, 25, and 26.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	Thence we run
	For reasons already explained
	East, on a true line bet. secs. 24 and 25.
	Over mountainous land; through
	dense undergrowth; descend.
18.80	Road in Provo Cañon, bears N. E. and
	S. W. Enter bottom of Provo Cañon,
	bears N. E. and S. W.
19.25	Right bank of Provo River, 2 ft. deep,
	course S. W.
21.21	Left bank of Provo River, course S. W.
22.65	Fence, bears N. E. and S. W.
22.95	The R. G. W. Railway track, bears N. E.
	and S. W.
23.55	Telegraph line, bears N. E. and S. W. Begin
	ascend, bears N. E. and S. W.
29.25	Geo. J. Taylor's house bears N. 5° 10' E, about
	14.00 chs. dist.
31.80	Enter scattering pine timber, bears
	N. and S.
40.00	Set a quartzite stone, 16x10x10 ins., 11
	ins. in the ground, for \pm sec. cor., marked
	\pm on N. face; from which
	a pine, 6 ins. diam., bears N. 20° W.,
	3 lks. dist., marked \pm S. 24, B. J.
	a pine, 5 ins. diam., bears S. 35° W.,
	1 $\frac{1}{2}$ lks. dist., marked \pm S. 25, B. J.
	Leave pine timber, bears N. and S.
- 79.82	In intersect E. bdy. of Tp. 37 $\frac{1}{2}$ chs. N. 0° 46' W.
	of the cor. of secs. 19, 24, 25, and 30, heretofore
	described.
	Set a limestone, 18x9x8 ins., 12 ins. in
	the ground, for closing cor. of secs.
	24 and 25, marked C. C. on W.; with
	4 grooves on N. and 2 grooves on S. faces;
	and raise a mound of stone, 2 ft.
	base, $\frac{1}{2}$ ft. high, W. of cor. Pits im-
	practicable.
	Note: We destroy all marks on the
	cor. of secs. 19, 24, 25, and 30, which
	pertain to secs. 24 and 25.

Subdivision of T. 5 S., R. 3 E. - Continued

Chains	<p>Land, mountainous. Soil, gravelly loam; 2nd rate. Timber, pine. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 79.82 chs. September 1, 1899: At this cor. we set off $5^{\circ}16'$ N., on the decl. arc; and at $0^{\text{h}}4^{\text{m}}$ p. m. l. m. t., observe the sun on the meridian the resulting lat. is $40^{\circ}22'$ N.</p>
	<p>S. $0^{\circ}04'$ W., bet. secs. 25 and 26.</p>
13.48	<p>Over mountainous land; through dense undergrowth; descend. Road in Provo Cañon, bears N. E. and S. W. Foot of descent; enter bottom of Provo Cañon bears N. E. and S. W.</p>
13.78	<p>Right bank of Provo River, 2 ft. deep, rapid current, course S. W.</p>
14.84	<p>Left bank of Provo River, course S. W.</p>
15.70	<p>The R. G. W. Railway track, bears $N. 60^{\circ} E.$ and $S. 60^{\circ} W.$ ascend abruptly.</p>
16.05	<p>Telegraph line, bears $N. 60^{\circ} E.$ and $S. 60^{\circ} W.$</p>
31.80	<p>Top of ridge, 800 ft. above cañon, bears $N. 80^{\circ} E.$ and $S. 80^{\circ} W.$; descend.</p>
40.00	<p>Set a sandstone, $16 \times 9 \times 5$ ins., 11 ins. in the ground, for $\#$ sec. cor., marked $\#$ on W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. Pits im- practicable.</p>
50.00	<p>Intersect boundary of George J. Duke's private land claim, at angle cor. No. 7, heretofore described; we mark it C.C. on N. and G. J. D. on S. faces, for closing cor. of secs. 25 and 26. Thence along claim boundary</p>
65.10	<p>Angle cor. No. 8 on George J. Duke's private land claim, heretofore</p>

Subdivision of J. 5 S., R. 3 E. - Continued.

Chains	described; we mark it c.c. on N. face, for closing cor. of secs. 25 and 26; leave chain boundary.
65.35	Road, bears N. W. and S. E.
66.95	Creek, 25 lbs. wide, 18 ins. deep, rapid current, in bottom of south fork of Provo Canon, 600 ft. below ridge, course N. 30° W.; ascend.
8000	Set a blue limestone, 14 x 8 x 6 ins., 9 ins. in the ground, for cor. of secs. 25, 26, 35, and 36, marked with 1 notch on S. and 1 notch on E. edges; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable. Sand, mountainous. Soil, gravelly loam; 2nd rate. No timber. Undergrowth, oak and maple. Good grass for grazing. Mountainous land, or land covered with dense undergrowth, 8000 chs.
	S. 87° 56' W., on a random line bet. secs. 26 and 35.
4000	Set temp. & sec. cor.
79.52	Intersect N. and S. line, 10 lbs. N. of the cor. of secs. 26, 27, 34, and 35. Hence we run N. 89° 52' E., on a true line bet. secs. 26 and 35. Over mountainous land; through dense undergrowth; ascend.
72.25	Top of ridge, 125 ft. above sec. cor., bears N. 10° W. and S. 10° E.; descend.
159.0	Bottom of snowslide cañon, 250 ft. below ridge, course N. 5° W.; ascend.
22.30	Top of ridge, 400 ft. above cañon, bears N. 10° W. and S. 10° E.; descend abruptly.
39.76	Set a blue limestone, 22 x 10 x 6 ins., 17

Subdivision of J. S. D., R. 3 E. - Continued.

Chains in the ground, for $\frac{1}{4}$ sec. cor., marked
on N. face; and raise a mound of
stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor.
Pits impracticable.

68.42. Intersect boundary of George J.
Huke's private land claim, at 1 mile
cor., heretofore described; we mark
it C.C. on W. and G. J. H. on E. faces,
for closing cor. of secs. 26 and 35.

74.00. ~~Width~~ 5 $\frac{1}{2}$ ft. wide, course N. 5° E.

- 74.52. The cor. of secs. 25, 26, 35, and 36.

Land, mountainous.

Soil, gravelly loam and rocky; 2nd
and 4th rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered
with dense undergrowth, 74.52 chs.

September 1, 1900.

September 3, 1900: At 7^h 30^m a. m., l. m.
t., we set off 40° 21' N, on the lat. arc; 7°
51' N, on the decl. arc; and determine
a true meridian, with the solar, at
the cor. of secs. 25, 26, 35, and 36.

Thence we run
East, on a true line bet. secs. 25 and 36
Over mountainous land; through
dense undergrowth; descend.

13.30 Creek, 20 lbs. wide, 1 ft. deep, rapid current
in bottom of south fork of Provo Canyon,
100 ft. below sec. cor., course N. W.

14.55 Leave undergrowth and enter cultivated
land, bears N. W. and S. E.

21.45 Fence, bears N. W. and S. E., leave
cultivated land, and enter dense
undergrowth. Leave canon bottom
and ascend gradually.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains	
22.10	Road, bears N.W. and S.E.
33.10	I intersect boundary of George J. Duke's private land claim, at angle cor. No. 10, heretofore described, we mark it C.C.G.J. D. on W. face, for closing cor. of secs. 25 and 36. Thence along claim boundary.
40.00	Set a blue limestone, 14 x 8 x 5 ins., 9 ins. in the ground, for \neq sec. cor., marked \neq on N. face; and raise a mound of stone, 2 ft. base, 1/2 ft. high N. of cor. Pite impracticable.
44.45	A large spring bears S., 75 lks. dist., course S. 70° W.
46.70	Enter bottom of cañon, bears N. 70° E. and S. 70° W. George J. Duke's house bears S., 100 lks. dist.
49.40	The beginning cor. on George J. Duke's private land claim, heretofore described. Also intersect Joshua J. Mechem's private land claim, 3.00 chs. S. of angle cor. No. 9. We mark George J. Duke's beginning cor. C.C.G.J. D. on W. and J.J.M. on E. faces, for closing cor. of secs. 25 and 36.
57.40	Road, bears N. 80° E. and S. 80° W.
58.70	Creek, 20 lks. wide, 1 ft. deep, in south fork of Provo Cañon, course S. 80° W.
61.50	Same creek, 20 lks. wide, 1 ft. deep, course N. 80° W.
61.95	Fence, bears N. and S.
63.48	Leave undergrowth and enter cultivated land, bears N. and S.
73.30	Leave cultivated land and enter dense undergrowth, bears N. and S.
74.15	Fence, bears N. 20° W. and S. 20° E.
74.45	Road, bears N. 20° W. and S. 20° E., ascend
- 80.80	I intersect E. boundary of T. p. 1:70 chs. N. 0° 46' W. of the cor. of secs. 25, 30, 31, and 36, heretofore described. Set a quartzite stone, 18 x 9 x 6 ins., 12 ins. in the ground, for closing cor. of sec.

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains 25 and 36, marked c.c. on W.; with 5 grooves on N. and 1 groove on S. faces; and raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, W. of cor. Pits impracticable.

Note: We destroy all marks on the cor. of secs. 25, 30, 31, and 36, which pertain to secs. 25 and 36.

Land, mountainous and level.

Soil, black and gravelly loam; 1st and 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 8080 chs.

September 3, 1900: At this cor. we set off $7^{\circ} 32' N.$ on the decl. arc; and at 0^h 4^m p. m., l. m. t., observe the sun on the meridian, the resulting lat. is $40^{\circ} 21' N.$

For reasons already explained we run $S. 0^{\circ} 04' W.$ on a true line bet. secs. 35 and 36.

Over mountainous land; through dense undergrowth; ascend.

10.00. I intersect boundary of George J. Duke's private land claim, 1060 chs. E. from angle cor. No. 3. Set a limestone, $16 \times 9 \times 9$ ins., 11 ins. in the ground, for closing cor. of secs. 35 and 36, marked c.c. and G. J. D. on N. face; and raise a mound of stone, 2 ft. base, $\frac{1}{2}$ ft. high, S. of cor. Pits impracticable.

21.95 Begin abrupt ascent over ledges, bears E. and W.

25.75 Leave ledges, bears E. and W.

40.00 Set a sand-coated limestone, $22 \times$

Subdivision of T. 5 S., R. 3 E. - Continued.

Chains 10 x 5 ins., 16 ins. in the ground, for
sec. cor., marked # on W. face; and
raise a mound of stone, 2 ft. base,
1½ ft. high, W. of cor. Pits impracticable.

55.55 Top of ridge, 1400 ft. above sec. cor., bears
N. 80° E. and S. 80° W.; descend.

79.30 Intersect the 1st Standard Parallel
South, 3.80 chs. W. of the standard
cor. of secs. 35 and 36, heretofore
described.

Set a quartzite stone, 26 x 12 x 5 ins., 18
ins. in the ground, for closing cor. of
secs. 35 and 36, marked C.C. on N.,
with 1 groove on E. and 5 grooves on W.
faces; and raise a mound of stone,
2 ft. base, 1½ ft. high, N. of cor. Pits
impracticable.

Note; We destroy all marks on the
standard cor. of secs. 35 and 36,
which pertain to secs. 35 and 36.
Land, mountainous.

Soil, gravelly loam and rocky; 2nd
and 4th rate.

No timber.

Undergrowth, oak, maple, and barb.
Good grass for grazing.

Mountainous land, or land covered
with dense undergrowth, 79.30 chs.

September 3, 1900.

General Description.

This township is all mountainous,
and the soil ranges from rocks to
rich black loam. The soil of the
bottoms of the hollows and cañons
is generally rich black loam,
capable of producing abundant
crops without irrigation. The soil
of the remaining portion of the
township (excepting some rocky ridges)
is 2nd and 3rd rate. The entire

Subdivision of T. 5 S., R. 3 E. Continued.

Township is covered with an abundant growth of rich and nutritious grasses, and is very well adapted for grazing. There is some pine and aspen timber in north fork of Provo Canon.

The township is exceptionally well watered by Provo River and its tributaries.

There is no mineral in the township. Joshua Mechem has a private land claim in secs. 35 and 36.

George J. Duke has a private land claim in secs. 25, 26, 35, and 36.

John W. Hoover has a private land claim in secs. 12 and 13.

George D. Taylor has a house and cultivated land in sec. 24; his improvements are worth about \$200⁰⁰/₁₀₀.

James W. Slick is living in sec. 26; he has a house and cultivated land and other improvements worth about \$500⁰⁰/₁₀₀.

L. D. Dornan is living on his claim in sec. 24; his house and other improvements are worth about \$200⁰⁰/₁₀₀; house cannot be seen from any of our lines.

G. W. Thayer has a house and improvements in sec. 33, worth about \$200⁰⁰/₁₀₀; house cannot be seen from our lines.

The Telluride Power and Transmission Company's power house is in sec. 33. The plant was built at a cost of about \$50,000⁰⁰/₁₀₀ and has a capacity of about 2500 horse power. The company's dam is in sec. 34, and the main flume (which is horse-shoe shaped 6x6 ft.) extends partially through secs. 33 and 34.

George C. Scott has a cabin in sec. 23, not seen from line.

Elias Johnson has about 10 acres of cultivated land in sec. 32, not seen from line.

The portion of this township, not returned

Subdivision of T. 5 S., R. 3 E. - Concluded.

Chains in our survey, is practically impossible to survey by the regular methods, and according to the Manual. It is very high, steep, rugged, and (considered as a whole) is a series of granite cliffs and ledges. It is impossible for cattle to get on to it, and is, therefore, not even valuable for grazing purposes. It is from one to three thousand ft. higher than the surrounding mountains. There are no settlers residing thereon.

On account of reaching the extent of the liability of our contract, we do not survey nor make returns of the boundaries and subdivision of T. 9 S., R. 3 E.

W. C. Stewart
John R. Stewart
Co. S. Deputy Surveyors

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Boundary of P.L.C. T. 5 S., R. 3 E.,

Boundaries of Joshua J. Mechem's private land claim.

Joshua J. Mechem having duly presented his claim and proof of 20 years adverse possession of a tract of land in secs. 25 and 36 T. 5 S., R. 3 E.; we proceed, in accordance with Special Instructions, to establish the boundaries as follows:

At a point 4.71 chs. N. 0.26 W. of the cor. of secs. 25, 30, 31, and 36, which is a cobblestone, 10 x 14 x 10 ins., above ground firmly set, and marked and witnessed as described by the surveyor general. Set a quartzite stone, 20 x 8 x 4 ins. 15 ins., in the ground, for beginning cor., marked Beg. Cor. 1 J. J. M. on S. W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. W. of cor. Pits impracticable.

August 6, 1960: At 7th 0th a.m., l.m.t., we set off 40° 21' N. on the lat. arc; 16° 46' N. on the ved. arc; and determine a true meridian with the solar at the above described cor.

Thence we run

Over mountainous land; through dense undergrowth and scattering cottonwood timber; descend, along E. bdy. of T. 5 S., R. 3 E.

S. 0° 46' E.

4.71 chs. At 4.51 chs. creek, 20 lbs. wide, 12 ins. deep, rapid current, in bottom of south fork of Pross Canyon course west. At 4.71 chs. the cor. of secs. 25, 30, 31, and 36, we mark L. 2 J. M. on W. face; for angle cor. No. 2.

Thence

Boundary of P. L. C. T. S. S., R. 3 E. - corner

South 35.29 chs. At 0.49 chs. road in cañon, bears W. and S. E. At 21.29 chs. wood road bears N. 10° E. and S. 10° W. Leave timber, bears N. 10° E. and S. 20° W.; ascend. At 35.29 chs. set a quartzite stone 18 X 8 X 6 ins., 12 ins. in the ground, for angle cor. No. 3 and $\frac{1}{2}$ mile cor. marked $\angle 3 \frac{1}{2}$ M. J. J. M. on N. W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. W. of cor. Pits impracticable.

Thence

West 5.00 chs. set a quartzite stone, 18 X 14 X 6 ins., 12 ins. in the ground, for angle cor. No. 4, marked $\angle 4$ J. J. M. on N. W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. W. of cor. Pits impracticable.

Thence ascend.

South 20.00 chs. Set a quartzite stone, 18 X 10 X 6 ins., 12 ins. in the ground, for angle cor. No. 5, marked $\angle 5$ J. J. M. on N. W. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. W. of cor. Pits impracticable. This cor. is 4.00 ft. above angle cor. No. 3.

Thence descend.

West 13.50 chs. Set a quartzite stone, 24 X 8 X 7 ins., 18 ins. in the ground, for angle cor. No. 6, marked $\angle 6$ J. J. M. on N. E. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. E. of cor. Pits impracticable.

Thence

North 1.50 chs. Set a quartzite stone, 18 X 6 X 8 ins., 12 ins. in the ground, for 1 mile cor., marked 1 M. J. J. M. on E. face from which a maple, 4 ins. diam., bears N. 80° E., 30 lbs. dist., marked 1 M. J. J. M., B. T. and raise a

Boundary of P. L. C. T. 5 S. R. 3 E. Continued.

mound of stone 2 ft. base $1\frac{1}{2}$ ft. high E. of cor. Pits impracticable.

Land mountainous.

Soil black loam and gravelly loam 1st and 2nd rate.

Timber scattering cottonwood.

Undergrowth oak, willow and choke-cherry.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth 80.00 chs.

August 6-1960. At this cor. we set off 16' 4" on the decl. arc. and at 0^h 4^m P.M. l.m.t. observe the sun on the meridian, the resulting lat. is 40° 20' N.

Thence

Over mountainous land, through dense undergrowth. ascend.

North

14.00 chs. At 3.50 chs. road bears N. 60° E. and S. 60° W. At 4.50 chs. creek 15 lbs. wide 6 ins. deep, rapid current, rocky bottom. Summit fork 30 ft. below mile cor. course N. 60° E. Ascend At 6.50 chs. fence bears N. 60° E. and S. 60° W. At 7.70 chs. fence bears E. and W. A saw. mill (run by steam power) bears E. about 8.00 chs. dist. At 8.70 chs. top of spur, 60 ft. above canon bears E. and W. descend. At 14.00 chs. set a quartzite stone 20 x 12 x 6 ins. 15 ins. in the ground for angle cor. No. 7, marked < 7 f. J. M. on N. E. face and raise a mound of stone, 2 ft. base $1\frac{1}{2}$ ft. high N. E. of cor. Pits impracticable.

Thence ascend. Thence

West

12.90 chs. Set a quartzite stone 18 x 10 x 6 ins 12 ins. in the ground for angle cor. No. 8 marked > 8 f. J. M. on

Summary of P.S.C. S.S.R. 3 & Continued.

West 44.50 chs.

On E. face and raise a mound of stone 2 ft. base 1 1/2 ft. high S.E. of cor. Pits impracticable. Thence descend. At 9.00 chs. top of ridge 100 ft. above angle cor. No. 7 bears S.E. and S.W. descend. At 13.10 chs. set a quartzite stone 18 x 10 x 8 ins. 12 ins. in the ground for 1/2 mile cor. marked 1/2 H. J. H. on E. face and raise a mound of stone 2 ft. base 1 1/2 ft. high E. of cor. Pits impracticable. At 35.00 chs. foot of mountain 600 ft. below ridge bears E. and W. Enter cañon bottom. At 36.00 chs. creek 50 lbs. wide, 2 ft. deep, moderate current, in South fork of Provo Cañon course W., a cultivated field bears E. about 2.00 chs. dist. At 38.50 chs. road in Cañon bears E. and W. At 42.50 chs. leave cañon bottom bears E. and W. Ascend. At 44.50 chs. set a quartzite stone 18 x 8 x 7 ins. 12 ins. in the ground for angle cor. No. 9, marked < 9 J. H. on S.E. face and raise a mound of stone 2 ft. base 1 1/2 ft. high S.E. of cor. Pits impracticable. Thence

East 8.60 chs.

Set a quartzite stone 24 x 14 x 7 ins. 18 ins. in the ground for 2 mile cor. marked 2 H. J. H. on S. face and raise a mound of stone 2 ft. base 1 1/2 ft. high S. of cor. Pits impracticable

Soil mountainous
 Soil black loam and gravelly 1st and 3rd rates
 No timber
 Undergrowth oak maple and hawthorn
 Good grass for grazing
 Mountainous land or land covered with dense undergrowth 80.00 chs.

Boundary of P. L. C. T. 5 S., R. 3 E. - Continued.

East.

Over mountainous land, through dense undergrowth; ascend gradually 22.80 chs. At 16.40 chs. Claimant's house bears S. 45° chs. dist

At 22.80 chs. beginning cov. on Joshua J. Mechem's P. L. C.

Land, mountainous.

Soil, gravelly; 3rd rate.

No timber

Undergrowth, oak and maple.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 22.80 chs.

August 6, 1900.

General Description.

Joshua J. Mechem's private land claim is located in secs. 25 and 36, T. 5 S., R. 3 E. and lies mostly in south fork of Provo Cañon. About 20 acres of the claim is cultivated as farm and garden and is irrigated from creek in south fork of Provo Cañon, the remainder of the claim is used as a pasture. Claimant's house is located near the N. E. cor of claim. Estimated valuation of improvements \$1000.00. Claimant is residing on the claim. Total area of claim 158.41 acres.

Latitudes, Departures and closing errors.

Course	Dist.	Latitudes		Departures	
		N. - chs.	S. - chs.	E. - chs.	W. - chs.
S. 0° 46' E	4.71		4.71	06	
South	35.29		35.29		
West	5.00				5.00
South	20.00		20.00		
West	13.50				13.50
North	15.50	15.50			
West	12.90				12.90
North	44.50	44.50			
East	31.40			31.40	
Totals		60.00	60.00	31.46	31.40

Boundaries of George J. Duke's private land claim.

George J. Duke having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 25, 26, 35, and 36 T. 5 S., R. 3 E., we proceed in accordance with Special Instructions, to establish the boundaries as follows. At a point 9.00 chs. E. of the 4th sec. cor. bet. secs. 25 and 36, T. 5 S., R. 3 E., hereafter described, set a quartzite stone 20 x 10 x 8 ins., 15 ins. in the ground, for beginning cor. on George J. Duke's private land claim, marked Beg. Cor. G. J. D. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

August 7, 1900. At 7th 0th a. m. l. m. t. we set off 40° 21' N., on the lat. arc; 16° 29' N., on the decl. arc; and determined true meridian with the solar at the above described cor.

Thence we run

Over level cañon bottom; through dense undergrowth.

South 10.00 chs. At 0.50 chs. the S. E. cor. of stock yard, bears W. 10 lbs. dist. A stable bears W. 50 lbs. dist. At 3.50 chs. road in cañon, bears E. and W. At 5.50 chs. creek, 50 lbs. wide, 2 ft. deep, moderate current, in south fork of Provo Cañon, course W. At 6.50 chs. begin ascent of mountain, bears E. and W. At 10.00 chs. set a quartzite stone, 18 x 10 x 6 ins., 12 ins. in the ground, for angle cor. No. 2, marked L. 2 G. J. D. on N. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, N. W. of cor. Pits impracticable.

Boundary of P. L. C. - T. 5 S., R. 3 E. - Continued.

West Thence along side of mountain.
 60.00 chs. At 30.00 chs. set a quartzite stone, 20 x 12 x 6 ins., 15 ins. in the ground, for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ m. Q. J. W. on N. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. of cor. Pits impracticable. At 58.60 chs. bottom of hollow, course N. 5° E.; ascend. At 60.00 chs. set a quartzite stone, 18 x 12 x 6 ins., 12 ins. in the ground, for angle cor. No. 3, marked L 3 Q. J. W. on N. E. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. E. of cor. Pits impracticable.

North Thence descend.
 10.00 chs. Set a quartzite stone, 24 x 12 x 10 ins., 18 ins. in the ground, for 1 mile cor., marked 1 m. Q. J. W. on E. face; and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, E. of cor. Pits impracticable.

Land, mountainous

Soil, black and gravelly loam; 1st and 3rd rate.

No timber

Undergrowth, oak, maple, and hawthorn

Good grass for grazing.

Mountainous land or land covered with dense undergrowth, 80.00 ins.

August 7, 1900: At this cor. we set off 16° 25' N., on the decl. arc; and at 3rd 3rd p. m., l. m. t., observe the sun on the meridian the resulting lat. is 40° 21' N.

Thence over mountainous land;

Boundary of P. L. C. - T. S. S., R. 3 E.

through dense undergrowth, ascend
North 10.00 chs. Set a quartzite stone, 20 x 12
x 8 ins., 15 ins. in the ground, for
angle cor. No. 4, marked L 4 Q. J. 10
on N. E. face; and raise a mound
of stone, 2 ft. base, 1 1/2 ft. high, N.
E. of cor. Pits impracticable.
Thence ascend

West 9.40 chs. At 7.00 chs. top of ridge,
300 ft. above angle cor. No. 4, bears
N. and S.; ascend. At 9.40 chs.
set a quartzite stone, 18 x 10 x 6
ins., 12 ins. in the ground, for
angle cor. No. 5, marked L 5 Q. J. 10
on N. E. face; and raise a mound
of stone, 2 ft. base, 1 1/2 ft. high, N. E.
of cor. Pits impracticable.

Thence
North 20.00 chs. At 8.00 chs. foot of mountain
enter canon bottom, bears N. W.
and S. E. At 12.00 chs. creek, 30
lbs. wide, 2 ft. deep, rapid cur-
rent, rocky bottom, in bottom of
south fork of Provo Canon, course
N. W. At 14.00 chs. road, bears N.
W. and S. E. At 15.50 chs. begin
ascent of mountain, bears N. W.
and S. E. At 20.00 chs. set a
quartzite stone, 24 x 12 x 8 ins., 18
ins. in the ground, for angle
cor. No. 6, marked L 6 Q. J. 10, on
S. E. face; and raise a mound
of stone, 2 ft. base, 1 1/2 ft. high, S.
E. of cor. Pits impracticable.

Thence ascend.
East 20.00 chs. At 0.60 chs. set a quartzite
stone, 22 x 12 x 5 ins., 16 ins. in
the ground, for 1 1/2 mile cor.,
marked 1/2 m. Q. J. 10, on S.
face; and raise a mound of
stone, 2 ft. base, 1 1/2 ft. high, S.

Boundary of P. L. C. - T. 5 S., R. 3 E. - Continued.

of cor. Pits impracticable. At 20.00 chs. set a quartzite stone, 18 X 9 X 7 ins., 12 ins. in the ground, for angle cor. No. 7, marked L 7 Q. J. 10. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

S 0° 04' W. 15.10 chs. Set a quartzite stone, 22 X 11 X 6 ins., 16 ins. in the ground, for angle cor. No. 8, marked L 8 Q. J. 10. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Thence

East 5.50 chs. Set a quartzite stone, 26 X 12 X 8 ins., 19 ins. in the ground, for 2 mile cor., marked 2 M. Q. J. 10. on S. face; and raise a mound of stone 2 ft. base, 1½ ft. high, S. of cor. Pits impracticable.

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and maple.

Good grass for grazing.

- Mountainous land or land covered with dense undergrowth, 80.00 chs.

Thence

Over mountainous land; through dense undergrowth; ascend.

East 27.60 chs. Set a quartzite stone, 18 X 12 X 7 ins., 12 ins. in the ground, for angle cor. No. 9, marked L 9 Q. J. 10. on S. W. face; and raise a mound of stone, 2 ft. base, 1½ ft. high, S. W. of cor. Pits impracticable.

Boundary of P. S. E. T. 5 S., R. 3 E. - Cont.

Thence descend
South 14.90 chs. At 12.40 chs. set a quartzite stone
28x12x6 ins., 2.1 ins. in the ground, for
2½ mile cov., marked $\frac{1}{2}$ m. q. J. 10 on
W. face; and raise a mound of stone
2 ft. base, 1½ ft. high, W. of cov. Pits im-
practicable. At 14.90 chs. set a quartz-
ite stone, 18x12x6 ins., 12 ins. in the
ground, for angle cor. No. 10, marked
L 10 q. J. 10 on S. face; and raise a
mound of stone, 2 ft. base, 1½ ft. high
S. of cov. Pits impracticable.

Thence
East 16.30 chs. At 13.40 chs. Enter cañon bottom
bears N. 70° E. and S. 70° W, claim-
ant's house bears S. 100 lbs. dist. At
16.30 chs. the beginning cov. on
George J. Dukes private land
claim.

Land, mountainous and level.

Soil, gravelly loam; 2nd rate.

No timber

Undergrowth, oak and maple.

Good grass for grazing.

- Mountainous land or land covered
with dense undergrowth 58.80 chs.

August 7, 1900.

General Description

George J. Dukes private land claim
is located in secs. 25, 26, 35 and 36, T.
5 S., R. 3 E., and lies mostly in south
fork of Provo Cañon.

About 30 acres of the claim is culti-
vated as farm and garden and is
irrigated from creek in south fork
of Provo Cañon; the remainder of the
claim is used as a pasture.
Claimant's house is located near
the N. E. cor. of claim.

Boundary of P. L. C. - T. 5 S., R. 3 E. - Con

Estimated valuation of improvements \$1000.⁰⁰
 Total area of claim 159.92 acres.

Latitudes, Departures and closing errors.

Course	Dist.	Latitudes		Departures	
		N. - chs	S. - chs.	E. - chs.	W. - chs.
South	10.00		10.00	✓	✓
West	60.00			✓	60.00 ✓
North	20.00	20.00		✓	✓
West	9.40			✓	9.40 ✓
North	20.00	20.00		✓	✓
East	20.00			20.00 ✓	✓
S. 0° 04' W.	15.10		15.10		.02 ✓
East	33.10			33.10 ✓	✓
South	14.90		14.90	✓	✓
East	16.30			16.30 ✓	✓
Totals		40.00	40.00	69.40	69.42 ✓

Boundary of T. 5 S., R. 3 E.

Boundary of John W. Horrocks private land claim.

John W. Horrocks having duly presented his claim and proofs of 20 years adverse possession of a tract of land in secs. 12 and 13 T. 5 S., R. 3 E. we proceed to establish the boundaries in accordance with Special Instructions as follows:

At a point 200 Chs. S. $0^{\circ}43' E.$ of the cor. of secs. 7, 12, 13, and 18 on E. edy. of T. 5 S., R. 3 E. hereafter described. Set a limestone, 20x13x9 ins., 15 ins. in the ground, for beginning cor. on John W. Horrocks private land claim marked Beg. Cor. 1. J. W. H. on N. W. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high N. W. of cor. Pits impracticable.

August 7, 1900: At 7^h 30^m a.m.; S. by T., we set off $40^{\circ}24' N.$, on the lat. arc; $15^{\circ}55' N.$, on the decl. arc; and determine a true meridian with the solar to the above described cor.

Thence we run

Over mountainous land, through scattering undergrowth; ascend.

West 2000 Chs. set a limestone, 18x9x9 ins., 12 ins. in the ground for angle cor. No. 2, marked $\angle 2$ J. W. H. on N. E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. E. of cor. Pits impracticable.

Thence

North 2000 Chs. At 2000 Chs. set a limestone, 18x10x5 ins., 12 ins. in the ground, for $\frac{1}{2}$ mile cor., marked $\frac{1}{2}$ M. J. W. H. on E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor. Pits impracticable. At 3000 Chs. set a quartzite stone, 20x10x6 ins., 15 ins. in the ground, for angle cor. No. 3, marked $\angle 3$ J. W. H. on N. E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. E. of cor. Pits impracticable.

Thence

West 1000 Chs. set a quartzite stone, 18x10x8 ins., 12 ins.

Boundary of P. S. C. J. S. R. 3 E. - Continued.

in the ground, for angle cor. No. 4, marked $\perp 4$ J. W. H. on N. E. face; and raise a mound of stone, 2 ft. base $1\frac{1}{2}$ ft. high, N. E. of cor. Pits impracticable.

Thence descend

North 20.00 chs. At 7.00 chs. bottom of hollow, 200 ft. below angle cor. No. 4, course E. A spring bears E. about 4.00 chs. dist.; ascend. At 2.00 chs. set a limestone, $18 \times 10 \times 6$ ins, 12 ins in the ground for angle cor. No. 5 and one mile cor., marked $\perp 5$ M. J. W. H. on S. E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. E. of cor. Pits impracticable

Land, mountainous.

Soil, gravelly loam; 2nd rate.

No timber.

Undergrowth, oak and sage.

Good grass for grazing.

Mountainous land, 86.00 chs

August 9, 1900: At this cor. we set off $15^{\circ} 51'$ N. on the decl. arc; and at 0^h 3^m p. m., C. M. T., observe the sun on the meridian, the resulting lat. is $40^{\circ} 24' N.$

Thence over mountainous land through scattering undergrowth; descend.

East 10.00 chs. set a limestone, $18 \times 8 \times 7$ ins, 12 ins in the ground, for angle cor. No. 6, marked $\perp 6$ J. W. H. on S. E. face; and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, S. E. of cor. Pits impracticable.

Thence ascend.

North 20.00 chs. At 8.00 chs. top of ridge, 100 ft. above angle cor. No. 6, bears N. 80° W. and S 80° E.; descend. At 19.90 chs. bottom of hollow 100 ft. below ridge, course S. E.; ascend. At 20.00 chs. set a limestone, $18 \times 8 \times 6$ ins, 12 ins in the ground, for angle cor. No. 7.

Boundary of P. L. C. T. 3 S. R. 3 E. - Continues

marked L 7 J. W. H. on S. E. face; and raise a mound of stone, 2 ft. base 1 1/2 ft. high, S. E. of cor. Pits impracticable.

Thence

East 14.67 Chs. At 10.00 Chs. set a limestone, 18 x 10 x 5 ins., 12 ins. in the ground, for 1 1/2 mile cor., marked 2 M., J. W. H. on S. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, S. of cor.

Pits impracticable. At 14.67 Chs. intersect E. bdy. of Twp. 13.95 Chs. S. 0° 15' E. of the cor. of secs. 1, 6, 7, and 12, hereafter described.

Set a limestone, 16 x 10 x 8 ins., 11 ins. in the ground, for closing cor. and angle cor. No. 8, marked C. and H. 8, J. W. H. on S. W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor. Pits impracticable.

Thence along Twp. bdy., descend.

S. 0° 15' 30" E. 30.33 Chs. At 13.00 Chs. fence set for descent, bears N. 60° W. and S. 60° E. Leave undergrowth and enter meadow land. At 26.51 Chs. the 1/2 sec. cor. bet. secs. 7 and 12. At 30.33 Chs. set a limestone, 18 x 9 x 7 ins., 12 ins. in the ground, for 2 mile cor., marked 3 M., J. W. H. on W. face; and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor. Pits impracticable.

Land mountainous and level.

Soil black and gravelly loam; 1st and 2nd rate. No timber.

Undergrowth, oak and sages.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 62.67 Chs.

Thence over level land across meadow.

S. 0° 15' E. 36.67 Chs. At 34.00 Chs. fence, bears E. and W., leave meadow and enter dense undergrowth. At 36.67 Chs. the cor. of secs. 7, 12, 13, and 18, hereafter described, we mark it L 9 J. W. H. on W. face, for angle cor. No. 9.

12.33

- 13 -
Boundary of T. 5 S. R. 3 E. Concluded.

Thence

S. 0° 43' E. 300 Chs. At 1.50 Chs. begin ascent, bears N.W. and S.E.

At 3.00 Chs. the beginning cor. of John W.

Hoover's private land claim.

Land, level and mountainous.

Soil, black and gravelly loam; 1st. and 2nd. rate.

No timber.

Undergrowth, oak and hawthorn.

Good grass for grazing.

Mountainous land, or land covered with dense undergrowth, 5.67 Chs.

August 9, 1900.

5.67
34.00

Satitudes departures and closing errors

Course	Distance Chs.	Satitudes		L. Departures	
		N. - Chs.	S. - Chs.	E. - Chs.	W. Chs.
West	20.00				20.00
North	30.00	30.00			
West	10.00				10.00
North	20.00	20.00			
East	10.00			10.00	
North	20.00	20.00			
East	19.67			19.67	
S. 0° 15' E.	67.00		67.00	0.29	
S. 0° 43' E.	3.00		3.00	0.04	
Totals		70.00	70.00	30.00	30.00

General Description.

John W. Hoover's private land claim is located in secs. 12 and 13 T. 5 S. R. 3 E. About 35 acres of the claim is enclosed by fence and is cultivated as a meadow. The remainder is used as a pasture.

Value of improvements is about \$200.00

Total area of claim. 158.89 acres.

Claimant's house was not visible from line.

Scott O. Stewart

John R. Stewart.

U. S. Deputy Surveyors

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Scott P. Stewart and

John R. Stewart United States Deputy Surveyors to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivisions and private land claims of T. 8 S. R. 3 E.; T. 8 S. R. 4 E.; T. 7 S. R. 4 E.; T. 6 S. R. 4 E.; T. 5 S. R. 3 E. of the Salt Lake Basin Meridian, etc. showing the respective capacities in which they acted:

- William Huff Chairman.
- Joseph B. Peterson Chairman.
- George A. Busley Moundman.
- Moundman.
- Vosco Call Arman.
- Hugh Conover Arman.
- Andy J. Stewart Flagman.

FINAL OATH OF ASSISTANTS.

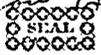
We hereby certify that we assisted Scott P. Stewart and

John R. Stewart United States Deputy Surveyors in surveying all those parts or portions of the Subdivisions and private land claims of T. 8 S. R. 3 E.; T. 8 S. R. 4 E.; T. 7 S. R. 4 E.; T. 6 S. R. 4 E.; T. 5 S. R. 3 E.

..... of the Salt Lake Basin meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by ~~him~~ ^{them} and under his ~~his~~ ^{their} direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

- William Huff Chairman.
- Joseph B. Peterson Chairman.
- George A. Busley Moundman.
- Moundman.
- Vosco Call Arman.
- Hugh Conover Arman.
- Andy J. Stewart Flagman.

Subscribed and sworn to before me this 26th day of April 1901 ~~189~~ Commission Expires March 17 1903



Andrew J. Stewart
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Mr. Scott H. Stewart & John R. Stewart, United States Deputy
solemnly swear that, in pursuance of a contract received of Jacob B. Blair
United States Surveyor General for Utah, bearing date
26th day of January, 1899, I have well, faithfully, and truly,
proper person, and in strict conformity with the instructions furnished by the United States
General for Utah, the Manual of Surveying Instructions, and the
United States, surveyed all those parts or portions of the Subdivisions and
land claims of T. S. R. 3 E., T. 8 S. R. 4 E., T. 7 S. R. 4 E., T. 6 S.
T. 5 S. R. 3 E.

of the Salt Lake
Base and meridian, in the State of Utah, which are repro-
ducing the foregoing field notes as having been surveyed by me, and under my direction; and I do further
swear that all the corners of said survey have been established and perpetuated in strict accordance
with the Manual of Surveying Instructions, and the special written instructions of the United States
Surveyor General for Utah and in the specific manner described in the field notes of
the foregoing are the original field notes of such survey; and should any fraud be detected, I
will incur the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Scott H. Stewart
John R. Stewart
United States Deputy

Subscribed by said Scott H. Stewart and
John R. Stewart, and sworn to before me }
this 30th day of April, 1901.

Edward Henderson
U. S. Surveyor



APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, March 25, 1901.

The foregoing field notes of the survey of the subdivisions in lines and
land claims in Township 5 South Range 3 East of the
Salt Lake Base Meridian, Utah

executed by Scott H. Stewart & John R. Stewart
under his contract No. 296, dated January 26, 1899, has
been critically examined, and the necessary corrections and explanations made, the said field notes,
surveys they describe, are hereby approved.

Edward Henderson
United States Surveyor

I certify that the foregoing transcript of the field notes of the above-described surveys in
this book has been correctly copied from the original notes on file in this

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